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SEED ANNUAL



SCHISLER-CORNELI
SEED CO.

813-815 N. 4th St.,

ST. LOUIS, MO.

SCHISLER-CORNELI SEED COMPANY

BEN. P. CORNELI, Pres't. H. M. SCHISLER, Vice-Pres't. ADOLPH CORNELI, Sec'y and Treas.

1909

To our Friends and Patrons:

As is customary at this time of year we present you with our annual catalogue. Thanking our customers for their liberal patronage and recommendations in the past.

It is our ambition as seed men to offer our customers nothing but the best, and we believe that, through our long and extensive experience, we have obtained an unequalled knowledge of the habits and character of garden vegetables and flowers; and of the soil and climate conditions essential to the production of seeds of the highest type.

Being possessed of facilities to have our Seeds grown by only the best American and European growers, each item in a climate and soil best suited to bring it to the highest perfection we solicit your orders, confident of giving perfect satisfaction.

REMARKS TO PURCHASERS.

CASH WITH ORDER. Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. When only a part is remitted goods will be sent only to amount of remittance. We do not send any goods C. O. D.

REMITTANCES. Remittances should be made by Postoffice Money Order, Bank Drafts or Express Money Orders. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

FORWARDING. If the money is sent with the order and received by us, we guarantee the safe arrival of all packages; but we cannot assume any responsibility for delay in transit. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. In ordering do not fail to give full shipping directions. When such are omitted we shall use our best judgment and will forward by **Express, Railroad or Mail**, as may seem to us most advisable.

NAME AND ADDRESS. Please remember to write your Name, Post-office, County and State, also give number of street or P. O. Box as distinctly as possible, to facilitate execution and prevent error; also give name of your nearest Express Office or Railroad Station.

WARRANTY. While we feel that it is much to our interest to furnish customers with good seeds as it is theirs to have them, yet we cannot guarantee a good crop in every case, as this is dependent upon natural causes, which are beyond our control. But we do guarantee that all seeds sold by us are first-class, pure and of strong germinating power. Further than this we cannot warrant. The freshest Seeds may sometimes fail; hence the value of this precaution to send out none but good seeds. We know with proper treatment our Seeds will grow, and, by following the cultural directions given, though brief, the least experienced cultivator can not fail to have success.

We respectfully solicit your trade, and hoping to receive your orders, we are,

Yours truly,

SCHISLER-CORNELI SEED CO.

813-815 North Fourth St.,

ST. LOUIS, MO.

ASPARAGUS SEED

ARGENTEUIL

A new variety, very early and exceedingly popular wherever grown. The stalks grow to an enormous size, cook tender and are of delicious flavor.

Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Argenteuil Roots at \$1.00 per 100.

ASPARAGUS ROOTS

Also have the leading varieties of asparagus roots, especially grown for us, such as Columbian, White Mammoth and Palmetto.

Price, 85c per 100; \$7.50 per 1000.

Write for prices on larger quantities.



BEET

DETROIT DARK RED

Turnip shaped, has small upright tops, smooth shape skin, is dark blood red, flesh deep bright red, very crisp, tender and sweet; matures early and lasts a long time.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

RADISHES

WHITE STRASBURG

Oblong, tapering shape; skin and flesh are pure white; firm, brittle, tender and possessing the most desirable character of retaining its crispness; withstands severe heat and grows very quickly.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

GOLDEN GLOBE OR YELLOW SUMMER

Nearly round, with golden covered skin; covered with a bright yellow russeting; of very fine quality and rapid growth.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.



CUCUMBER

JAPANESE CLIMBING

A climbing variety. The vines are strong growing and immensely productive, it being estimated that it will yield three times as much as any other variety. The cucumbers are about 8 inches in length, of a beautiful green color.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25

LETTUCE

EARLY KEYSTONE

Extra fine heading cabbage lettuce for spring and fall use; can also be grown in cold frames. The plants are of quick growth; all large heads, and stands a long time before showing signs of running to seed. Externally of a yellowish green with light brownish tinge—leaves inside are of a yellow golden shade—flavor cannot be excelled.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

WATER MELON

HALBERT'S HONEY

Handsome, of fine quality, flesh of beautiful crimson color; sweet and sugary flavor; ripens early, is of large size with smooth, dark green skin; thin rind and the most desirable for home use. Melons from 16 to 18 inches long.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

TOMATO

LIVINGSTON'S NEW CORE-LESS

The most perfect shaped canning variety ever produced. In shape it is almost round, as shown in our illustration. The clusters of four to seven fruits are produced at 6 to 8 inches apart along the stem. Fruits are of marketable size, many of them are quite large, 12 to 15 ounces. Ripens all over and through and right up under the stem, all at once; good slicing variety; bright red, heavy, meaty and delicious flesh; very firm, and one of the best for long distance hauling.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; oz. 60c.

PARSLEY

HAMBURG OR TURNIP-ROOTED

A rooted variety, of which the fleshy roots resembling parsnips are used in soups and stews.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



SWEET PEAS

1 oz. Will Sow 25 feet of Drill

Sow early in spring, in a trench about 3 to 4 inches deep and draw the earth around the young plants until they are about 4 inches high. Care must be taken not to smother the leaves when earthing up. Plant in a sunny situation in good, rich soil, and give plenty of moisture.

Eckford's Large Flowering, Mixed. A splendid mixture of this celebrated strain.

**Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c;
lb., 65c.**

SPECIAL MIXTURE

Of the newest and most desirable colors and shades, including Spencer and Unwin types; can recommend this mixture to all lovers of Sweet Peas.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

Countess Spencer—A new and distinct type and form in Sweet Peas; the flowers are so set on the stem that there is a graceful fullness to them. Wavy, color deep pink.

Pkt., 10c; oz. 20c.

Gladys Unwin—Has a very large and bold flower, not hooded, but with a striking upright crinkled or wavy standard and broad wings. Color a pale rose pink.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Earliest of All—Pink and white, 10 days ahead of Blanche Ferry.

Mrs. Geo. Higginson, Jr—A delicate pure light blue.

Lady Mary Currie—Fiery orange, pink wings, rose very bright.

Lady Grisel Hamilton—Beautiful silvery lavender.

Mont Blanc—Early white, for growing under glass.

Queen Victoria—Rosy Primrose, wings cream.

All the Above Packets, 5c each; ounce, 10c.

A Collection of Ten Varieties, Our Selection for 25 cents

See page 38 for other varieties.

KOCHIA TRICOPHYLLA

Summer Cypress or Ball of Fire

Annual plant, grows quickly from seed attractive globe-shaped bushes in one season, has bright scarlet flowers on the end of the shoots in fall.

Pkt., 10c.

KUDZU VINE

Or Jack in the Bean Stalk

Attractive vine, commences growth early in spring, hardy, foliage large shape like the leaf of a bean. Purple, grows rapidly and dense to a height of 30 feet in one season.

Roots only, 15c each; 2 for 25c.


DESCRIPTIVE PRICE LIST

... OF ...

VEGETABLE SEEDS,

With Directions for Cultivation.

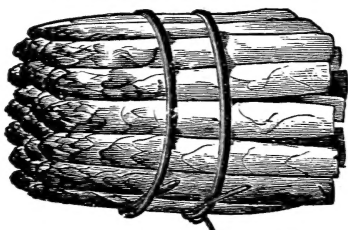
OUR PRICES INCLUDE POSTAGE on all Vegetable and Flower Seeds by the packet, ounce and pound, except **Peas, Beans and Corn**, when **15 cents per quart and 10 cents per pint** must be added to Catalogue prices for postage. **Order Early.**—It will greatly facilitate shipments if orders are sent early. We aim to ship all orders the day received, but during the busy season it is nearly impossible—hence the advisability of ordering **early**.

25 Cents' **WORTH OF SEEDS EXTRA will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES.** 

Thus anyone sending us **\$1.00** can select **Seeds in PACKETS and OUNCES** to the value of **\$1.25**; for **\$2.00**, Seeds in **PACKETS and OUNCES** to the value of **\$2.50**; for **\$3.00**, Seeds in **PACKETS and OUNCES** to the value of **\$3.75**

Asparagus. Spargel.

One ounce to 60-foot drill.



CONOVER'S COLOSSAL. A large and rapid grower of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb. 50c.

PALMETTO. Claimed to be earlier, a better yielder and more even grower than Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

COLUMBIAN WHITE MAMMOTH. An entirely distinct variety, producing shoots which are white and remain so as long as it is fit for use. In addition to the advantage of its white color, it is even more robust and vigorous in habit and throws larger shoots and fully as many of them as Conover's Colossal. It needs no earthing up in order to furnish the white shoots so much sought after. We are confident that when once known it will be used to the exclusion of all other kinds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb. 75c.

Asparagus Roots.

How to plant an Asparagus Bed, etc., and prices, see Miscellaneous Roots, page 27.

Artichoke. Artijchofe.

Plant early in spring, in drills two inches deep. When strong transplant to permanent beds, in rich soil, in rows three feet apart and two feet in the row. They mature the second year. Must be protected in winter.

GREEN GLOBE. Grown for the unripe flower heads, which are highly esteemed by epicures. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Broccoli. Broccoli.

One ounce will produce about 2,500 plants

Growth and habit like the Cauliflower, except that it is more hardy, and the heads are not as compact. Cultivate same as Cauliflower.

EARLY LARGE WHITE. Well known. Pkt., 5c; oz., 30c.

Brussels Sprouts.

Spoffen-Kohl.

One ounce will produce about 2,500 plants

Of the Cabbage family, producing numerous heads on the stem, of most delicious quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb. 60c; lb., \$2.00.

ORDER EARLY. Better have your seeds on hand a few days before you need them than run the risk of their being delayed, for in March and April thousands of orders must be filled, and sometimes stocks become exhausted. Prices cannot be lower.

Bush Dwarf, or Snap Beans. Buschbohnen.*One Quart to 100 feet drill; 2 bushels to the acre in drill.*

Plant when all danger of frost is over. Drop the beans two of three inches apart, in rows standing eighteen inches to two feet apart. Hoe often—never when the vines are wet, or they will rust—drawing the earth slightly toward them; and at least once before they blossom. As they require but six to eight weeks to make green pods, they can be sown as late as September 1st.

Prices per bushel on application.*If to be sent by mail, 15 cents per quart must be added to prepay postage.***Dwarf Green Podded Sorts**

EARLY BROWN MOHAWK. Hardy, productive and early String Bean. It will endure a slight frost. Pkt., 5c; quart, 25c; peck \$1.00

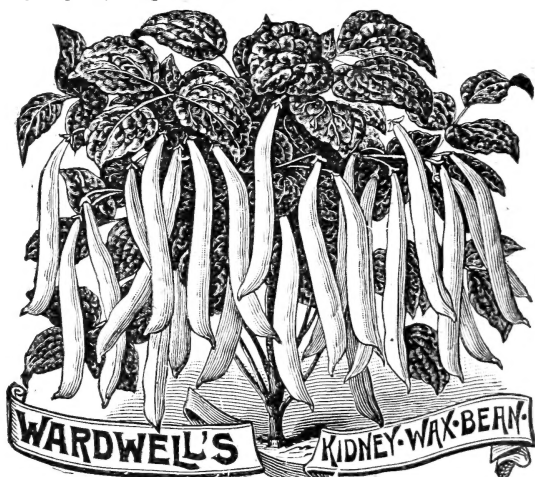
EARLY LONG YELLOW SIX WEEKS. Extra early, of fair quality; pods green, straight and flat. Pkt., 5c; quart, 25c; peck, \$1.00.

MAMMOTH STRINGLESS GREEN POD. This bean is absolutely stringless, pods are round and full. Pkt. 5c; qt., 30c; pk. \$1.50.

Dwarf Wax Podded Sorts.

IMPROVED GOLDEN WAX. The standard variety for general use. Pods long, nearly straight broad flat, golden-yellow, very fleshy and wax-like, cooking quickly as snaps or shelling well when green. Pkt. 5c; quart, 25c; peck \$1.50.

IMPROVED GERMAN BLACK WAX. One of the best of the yellow wax or golden podded varieties. Pods round, meaty, curved and borne in branches,



EXTRA EARLY ROUND POD VALENTINE. Usually ready to pick in thirty-five days after planting. Pods round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt., 5c; quart, 25c; peck, \$1.00.

STRINGLESS GREEN POD

Absolutely stringless, and of beautiful fleshy appearance, the pods are ready to market earlier than the Extra Early Red Valentines, it will prove of immense value, to the market gardener, but also to the amateur. Pkt., 5c; quart 25c; peck, \$1.25.

LONGFELLOW. A round green-podded bean. It is early and a heavy yielder. Pkt., 5c; qt., 25c; pk., \$1.50.

EXTRA EARLY REFUGEE. Large, productive, hardy, tender, fleshy pods. Pkt. 5c; qt., 25c; pk., \$1.00.

ready for the table in about forty days from germination. Pkt. 5c; quart 25c; peck, \$1.50.

WARDWELL'S KIDNEY WAX. Producing a large crop of long, nearly straight, handsome, white, wax-like pods. They ripen about the same time as the Golden Wax. Market gardeners find this a profitable variety, Pkt., 5c; qt., 25c. pk. \$1.50.

DAVIS WHITE KIDNEY WAX. Clear, white kidney-shaped seed. The pods are very long, oval, clear waxy white, entirely stringless. This bean is sure to become very popular. Pkt., 5c; quart, 25c; peck, \$1.50.

CURRIE'S RUST-PROOF BLACK WAX. Pods long, flat and straight of a beautiful, golden color, Pkt. 5c; qt., 25c; pk. \$1.50.

Pole Beans. Stangenbohnen.

One quart will plant 100 to 125 hills.

Prices per bushel upon application.

If to be sent by mail, add 15 cts. per quart to prepay postage

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas and Sievas, being very tender, will do better if not planted before the first of May. Plant in hills about three feet apart, and one to two inches deep, using five or six seed to each hill, and set a pole firmly in the center.

WHITE DUTCH CASE KNIFE. A splendid green shell bean, also a fine dry bean for winter use. Pkt., 5c; quart, 25c; peck, \$1.50.

LAZY WIVES. The pods grow from six to eight inches long, entirely stringless, of a rich buttery flavor; a good white shell bean for winter use. Pkt., 5c; quart, 25c; peck, \$1.50.

WHITE CORNFIELD OR CORN HILL. Used for planting among corn, one of the best for this section. Pkt., 5c; quart, 30c; peck, \$1.50.

KENTUCKY WONDER, OR OLD HOMESTEAD. Enormously productive, pods hanging in great clusters from top to bottom of pole. It is entirely stringless, and the pods are a silvery green color. Pkt., 5c; quart, 30c; peck, \$1.75.

HORTICULTURAL CRANBERRY. Round, speckled; tender for snap beans. Pkt., 5c; quart, 25c; peck, \$1.50.

SOUTHERN PROLIFIC. Popular in the South. Pods green, long, fleshy, crisp and excellent. Pkt., 5c; quart, 30c; peck, \$1.75.

SCARLET RUNNER. Produces clusters of beautiful scarlet flowers; can be used as a green shell bean. Pkt., 5c; quart, 30c; peck, \$2.00.

GOLDEN CLUSTER WAX. Pods six to eight inches long, stringless, very tender and of delicious flavor. Pkt., 5c; quart, 30c; peck, \$1.75.

RED SPECKLED CUT SHORT POLE BEAN. A very popular variety and largely in demand for planting among corn; it will give a splendid crop. Pkt., 5c; quart, 25c; peck, \$1.50.

**Pole Lima Beans.**

EXTRA EARLY JERSEY LIMA. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness. Pkt., 5c; qt., 25c; pk., \$1.50.

LARGE WHITE LIMA. One of the best shell beans grown; matures in ninety days; very popular. Our seeds of this variety are extra selected, large and fine. Pkt., 5c; qt., 30c; pk., \$1.75.

SMALL WHITE LIMA OR SIEVA. Early with small thin flat beans kidney shaped. Pkt., 5c; qt., 30c; pk., \$1.50.

English Beans. Puff-Bohnen.

Planted in the spring as early as the ground will permit. Plant in rows two feet apart in good soil.

BROAD WINDSOR. Best for general use. Quart 25c; peck, \$1.50

Dwarf Bush Lima.

HENDERSON'S Only eighteen inches high, compact, bushy habit. Is at least two weeks earlier than the pole Limas; very tender. Pkt., 5c; qt., 30c; pk., \$2.00.

LARGE BUSH LIMA. A true bush of the Large Lima Bean, growing twenty inches high, very early. The beans are as large as the Large Lima, and more tender and succulent, remain longer green after maturing. Pkt., 5c; quart, 30c; peck, \$2.00.

Beet. Rother Rüben.

One ounce to 50 feet of drill; 5 to 6 lbs. to the acre in drills.

Sow as early in the spring as the ground can be worked, in light, well manured soil, in drills twelve inches apart, covering the seeds one inch deep, and pressing soil firmly over them. Thin out four inches apart for the table beet; cultivate often. If wanted very early, sow in hot beds and transplant, cutting off the outer leaves. For winter use, the late varieties may be sown from June to August.

NEW CRIMSON GLOBE BEET. Here is a beauty. A beet that you have long been looking for. The root is not large, averaging three inches in diameter, is quite round, and deep rich crimson color. Packet 5c.; 1 ounce, 10c.; $\frac{1}{4}$ -lb., 20c.; 1 lb., 65c.



EDMUND'S.
CROSBY'S

ECLIPSE.
EGYPTIAN.

ECLIPSE. An excellent variety, of a uniform globular shape, very small top, skin, and of delicious flavor. Pkt., 5c; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 55c.

EGYPTIAN EARLY DARK RED. One of the best varieties for forcing, and is also excellent for first early crop out of doors, being very early with small top. Roots dark red flat, with small tap roots; flesh dark red tender when young. Pkt., 5c; oz., 10c.; $\frac{1}{4}$ -lb., 20c., lb., 55c

CROSBY'S EGYPTIAN DARK RED. An improved strain of the Egyptian beet. It is much thicker than the original strain, quite as early, of better color and quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 55c.

EDMAND'S EARLY BLOOD TURNIP. One of the most uniform of all Turnip beets, with very small tops of bronzy red. The bulbs are handsome and round, very smooth, and of good marketable size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 55c.

EARLY BLOOD TURNIP. Flesh dark red color, a standard round variety. Pkt., 5c; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.

LONG SMOOTH BLOOD RED. A long smooth winter variety, growing to a good size, half out of the ground; color dark blood-red; sweet, tender and keeps well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 50c.

SWISS CHARD SILVER, OR SEA KALE BEET. This variety is cultivated solely for its leaves, which are used like spinach; the mid leaf is served up like asparagus. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25; lb., 75c.

MANGEL WURZEL. They give immense crops, are easily raised, harvested and kept through the winter. The results from their use are wonderful, and are clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great savings in hay and corn. Sow in drills thirty inches apart, on rich, well prepared ground early in the spring. Cultivate well, and thin to eight inches in the row. For winter store in pits or cellar as soon as heavy frost is feared. From four to six pounds will sow an acre.

GOLDEN TANKARD. Half long, nearly uniform diameter from top to bottom. Per oz., 5c.; per lb., 35c.; in lots of 10 lbs at 25c.

MAMMOTH LONG RED. Grows to an enormous size. Per oz., 5c.; per lb., 30c.; in lots of 10 lbs., at 25c.

ORANGE YELLOW GLOBE. Large size and good color. Per oz., 5c.; per lb., 30c.; in lots of 10 lbs., at 25c.

VILMORIN'S IMPROVED SUGAR BEET A medium sized white sugar beet, and a heavy cropper, highly recommended for feeding purposes; $\frac{1}{4}$ -lb., 15c.; lb., 35c.

Cabbage. Kopfsohl — Weiß-Kraut.*One ounce will produce 2,000 plants.*

CULTURE. The requirements for a good crop are a rich soil, deep plowing, high-manuring, good seed and thorough after culture. For early use, sow seed of the early kinds in a hot-bed, early in February, and transplant them in the open ground in March and April, in rows two feet apart and eighteen inches between the plants in the rows or sow in a seed-bed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage sow in March and transplant in April. For late cabbage sow in May and transplant in June, in rows three feet apart in the row. Hoe every week and stir the ground very deep. As they advance in growth, draw a little earth to the plants until they begin to head. To prevent the splitting or bursting of cabbage, go frequently over the ground and start every cabbage that appears about to mature by loosening the roots, which will check the growth.

Very Early Cabbages.

EARLY JERSEY WAKEFIELD. It is the earliest variety that a market gardener can possibly grow, and very productive. The heads are somewhat pointed, and keep firm for a long time. This variety has long been adopted by the best market gardeners. Our strain is from the very best heads, and market gardeners will find it is the best to be had. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2 25.

NEW FIRST EARLY. A New Extra-Early Flat-Headed Variety. As early as Early Jersey Wakefield. Yields one-third more than any other extra early cabbage on the same space of ground. It has the peculiarity of heading firmly even before fully grown; it is also flat-headed, making it a valuable variety for extra-early market or home use. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 60c; lb., \$1 85.

EARLY SPRING, NEW. A round flat-headed cabbage as early as Wakefield and more productive. Very uniform in shape. It has very few small outer leaves. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c; lb., \$2 25.

LARGE OR CHARLESTON WAKEFIELD. This variety is about six days later than Early Jersey Wakefield. The heads are fully one-half larger. It is very compact in growth and can easily be planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other standing on the ground a long while without injury, until a favorable opportunity for cutting. Pkt., 5c; oz., 20c; 1-4 lb., 65c; lb., \$2 25.

EARLY WINNIGSTADT. An old well-known variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1 50.

EARLY DWARF FLAT DUTCH. An excellent second early variety, having flat, compact heads, of fine flavor and connects the early varieties with the Drumhead. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1 50.

EARLY LARGE YORK. An old favorite, the heads are small, round, and firm. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1 50.

HENDERSON'S EARLY SUMMER. Is about eight days later than the Wakefield but being fully double the size, it is decidedly the best large cabbage, and is deservedly popular with market gardeners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1 50.

ALL-HEAD EARLY. Noted for its scarcity of outer leaves, the head forming a full, round, flattened, solid ball of the Flat Dutch type. Very sweet-flavored, of good color, an excellent keeper, and very valuable for market gardeners. Packet, 5c; ounce 15c; $\frac{1}{4}$ -lb. 50c; lb. \$1 75.



IMPROVED WHITE BRUNSWICK, SHORT-STEMMED (FOTTLER'S). Head large, very flat, compact and solid, and of fine quality. It is universally grown by St. Louis market gardeners to succeed the earliest varieties, also for a late crop. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

ALL SEASON OR SUREHEAD. This sort is now most universally grown by market gardeners and truckers but is also an excellent variety for home growing. Heads very large, round, but usually somewhat flattened; very solid, and of the best quality marketable for its ability to stand hot sun and dry weather. One of the best sorts for general cultivation. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

PREMIUM LATE FLAT DUTCH OR DRUMHEAD. The most popular variety for the winter market. It has no superior, and is more extensively grown than any other; is tender and well flavored. It is a fall and winter variety, and one of the very best to keep. Select quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

ST. LOUIS LATE MARKET. Finest and best late cabbage; different from all other varieties; stands longer in the field without bursting; excellent keeper and shipper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 75c; lb., \$2.50.

HOLLANDER CABBAGE. As this variety is very hardy, very handsome, very solid, one of the best keepers, and of fine quality, it is one of the best for growing for distant markets, or for late spring use. Price. pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c; lb., \$2.50.

COLLARDS. Southern or Creole Cabbage. A well-known variety in the South, where it is grown extensively. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

Fall and Winter Cabbages



S. & C. LATE FLAT DUTCH. This is no doubt one of the most profitable strains to grow and every gardener should have it. It makes a very hard head of good size and weight, and is remarkable for its keeping quality when buried over winter. It is of dark green color, and for heading, evenness of crop and size this excellent strain cannot be surpassed. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2.25.

Red Cabbage. Roth-Kraut.

EARLY DARK RED DWARF ERFURT. Forming small heads and of a solid dark blood color;. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2.00.

MAMMOTH RED ROCK. Producing heads averaging from ten to fifteen pounds each; a deep red color, and as solid as a rock; Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2.50.

Savoy Cabbage.

Wirsing oder Savoyer-Kohl.

THE SAVOY OR CURLY CABBAGES are of much finer flavor and quality than the best of other kinds. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables

EARLY DWARF ULM SAVOY. It matures very early, the heads are firm, solid, beautifully crimped, and of the finest quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$1.75.

PERFECTION DRUMHEAD SAVOY. Heads large and very finely curled; short stock and compact grower; an excellent keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2.00.

Cauliflower.

One ounce will produce about 2,000 plants.



Cauliflower—Extra Select Earliest Dwarf Erfurt.

Any soil that will grow cabbage will grow cauliflower, but as the product is more valuable, extra manuring and preparations of the soil will be well repaid. Culture same as cabbage, except that they need a cool and moist atmosphere and should be watered often in dry weather. As the flower heads appear, the large leaves should be broken down over them to shield them from the sun and rain.

EXTRA SELECTED EARLY DWARF ERFURT. The earliest and best variety in cultivation and the leading sort all over the world where cauliflower is grown. The strain we have of this variety is without doubt the very best to be had. The seed we offer comes from headquarters direct and was grown from the very finest specimens, and we know that every plant is certain to make a head. Pkt., 15c; oz., \$4.00.

EARLY DANISH SNOWBALL. Extensively grown for forcing, or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid compact head. The best for late summer and fall crop. Packet, 25c; ¼-ounce, \$1.00; ounce, \$3.50.

EARLY DWARF ERFURT. Small leaved A well-known early variety, and is very desirable for forcing or for planting out doors.

Plants compact, with few narrow, upright leaves, and suited for close planting; the most desirable for general use. It is an excellent header. Pkt., 15c; oz., \$2.50.

EARLY SNOWBALL. A favorite with market gardeners, and very extensively grown for forcing and out door planting. It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. Pkt., 15c; oz., \$2.50.

EARLY PARIS. Heads large, white, compact and solid; Pkt., 10c; oz., 50c.

LARGE LATE ASIATIC. A valuable, distinct, late variety. Pkt., 10c; oz., 50c.

Cress or Pepper Grass.

A favorite pungent salad. Sow thickly at frequent intervals, to keep up a succession, as it soon runs to seed.

EXTRA CURLED. Very fine. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

LARGE LEAVED WINTER. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

WATER-CRESS. Found growing in great abundance along the margins of running streams and ponds. It has a very pleasant pungent taste. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

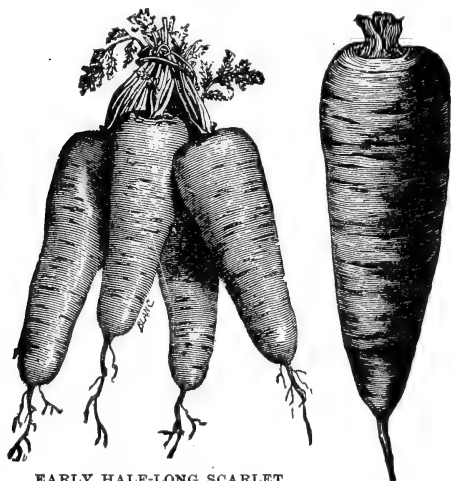
Carrots. Gelbe Rüben.

One ounce to 100 feet of drill. 3 to 4 lbs. per acre in drills.

The soil should be light (sandy soil is best) and deeply tilled. For an early crop the seed should be sown as early as the ground can be properly worked. For late crops it may be sown at any time until about the middle of June. Sow in rows about fifteen inches apart. Keep down weeds. Thin out young plants as soon as they can be handled, leaving them about three to six inches apart, according to variety.

EARLY SHORT HORN STUMP-ROOTED

This has always been the general favorite for an early crop; is of a bright orange color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.



**EARLY HALF-LONG SCARLET,
STUMP ROOTED.**

DANVERS.

EARLY HALF-LONG SCARLET STUMP ROOTED. Color, bright scarlet; flesh, reddish orange, becoming yellow in center, but with no distinct core; fine grained and of the finest table quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

DANVERS. Grows quite large, stump-end, bright orange color. Price per pkt., 5c; per oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

LONG ORANGE. Large size and adapted to garden or field culture. Price per pkt., 5c; per oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

RUBICON. Half-long stump rooted, large thick and dark orange color. Price per pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

GUERANDE OR OXHEART. Very large at the top, three to five inches long and terminating abruptly. Price per pkt., 5c; per oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

EARLY SCARLET HORN. (Point-rooted). A medium sized root, half-long, of fine color, grown for early use and to sell in bunches. Bears close planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

INTERMEDIATE. From ten to twelve inches in length and two to three inches in diameter at top tapering gradually. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

Celery. Sellerie.

One ounce will produce about 3,000 plants

CULTURE. Sow the seeds early in April in a cold frame or in the open ground, and in June or July transplant. The young plants before transplanting, should be clipped down partially two or three times to promote a stubby growth. On the ground previously thoroughly enriched and cultivated, lay out lines three feet apart, on the surface, not in trenches, as used to be planted. Set the plants in three rows about six inches apart. Until about the middle of August the only work to be done is frequent cultivation and watering in dry weather. Earthing up may then begin and continue as long as the plants grow, to bleach the stems and render them crisp.



WHITE PLUME. Does not require to be earthed up, but if only loosely tied, a few handfuls of earth brought close around the base of the leaves to keep them close together, all the inner leaves or thin stalks will turn white and crisp. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.

GOLDEN SELF-BLANCHING. A fine solid variety similar to the white Plume, except that it is a golden yellow, and nutty flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c; lb., \$2.50.

GOLDEN HEART DWARF. Solid, of fine flavor and a good keeper, and, as its name indicates, possessing when blanched, a yellowish or golden tint. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 40c; lb., \$1.50.

GIANT WHITE PASCAL. Crisp and solid. The old, well-known variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 40c; lb., \$1.50.

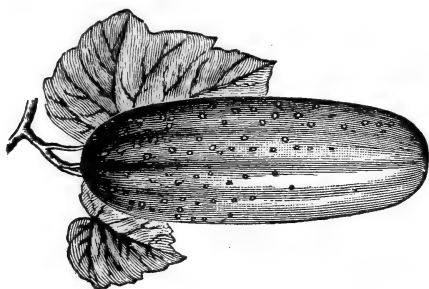
BOSTON MARKET. Dwarf variety, remarkable for its tender, crisp and succulent stems and its peculiar mild flavor. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 40c; lb., \$1.50.

ERFURT TURNIP ROOTED CELERY. This is the largest and best variety grown. Round in shape, makes excellent salad. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 40c; lb., \$1.50.

Cucumber. Gurfen.

One ounce to 50 hills; 2 to 3 pounds to the acre in hills.

Plant in hills four feet apart, in well-prepared warm, rich, loamy soil. Mix a shovelful of well-rotted manure in each hill. The fruit should be picked when large enough, whether they are wanted or not as it destroys the vitality of the vine if left to ripen.

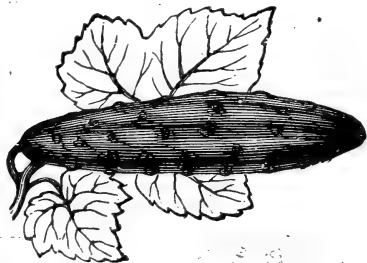


EARLY WHITE SPINE. The leading sort grown for shipment to market. The fruit is seven to nine inches long and solid. The White Spine is a general favorite for its many excellent qualities, and is grown everywhere. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb. 30c; lb., \$1.00.

EXTRA LONG WHITE SPINE. A large variety of White Spine, largely used for forcing by market gardeners. Grows nine to eleven inches long. Highly esteemed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

ARLINGTON WHITE SPINE. The truckers' favorite. Very early; color, deep green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

TALBY'S HYBRID. A hybrid of the White Spine, with a large English variety, retaining the prolificness of the former, united with large size hardiness and desirable market qualities. Valuable for forcing and for open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

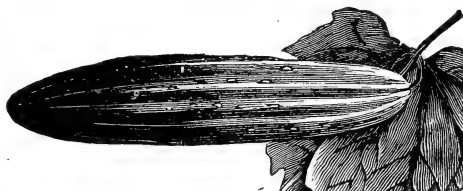


NEW CENTURY. An entirely distinct sort developed by ourselves. Beautiful in shape and color, of the finest quality. The fruit is long and smooth, handsome green with white, crisp and tender flesh. The

vine is vigorous and productive. Comes into bearing early. An excellent sort for culture under glass. Every market gardener should give it a trial. Price, packet, 5c; ounce, 10c; quarter-pound, 30c; pound, \$1.00.

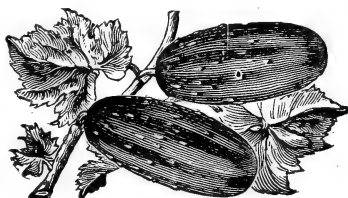
ST. LOUIS PICKLING CUCUMBER. It produces a greater length of vine and more fruits than any other variety. We are sure that market gardeners and private planters will be pleased with St. Louis Pickling Cucumber. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

BOSTON PICKLING OR JERSEY. A short pickling variety of fine form or flavor, enormously productive, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.



LONDON LONG GREEN. A standard late sort, crisp and tender; excellent for the table, and makes a hard brittle pickle. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.10.

LONG GREEN TURKEY. Good either for pickling or slicing; dark green, flesh firm and solid. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.10.

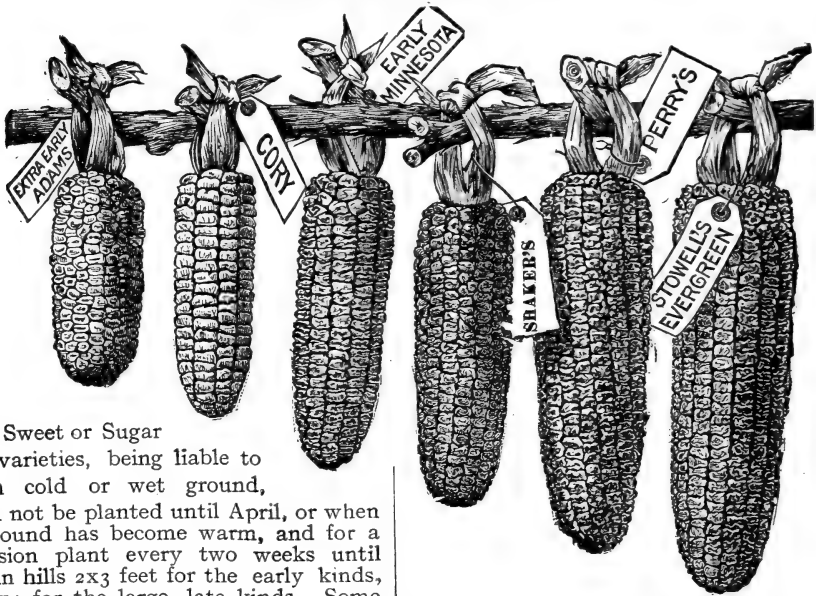


EARLY GREEN CLUSTER. A short, prickly, seedy variety, bearing in clusters near the root; color, pale green; used for pickling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

EARLY FRAME OR EARLY SHORT GREEN. Early; fruits medium and straight. Popular for table use and pickling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

GHERKIN OR BURR. Only grown for pickling, is the smallest of all varieties, and should always be pickled while young and tender. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 60c; lb., \$2.25

Garden and Sweet Corn. Zucker oder Süßkorn.
One quart plants 150 to 250 hills. Eight or ten quarts for an acre.
If to be sent by mail add 15c per quart to prepay postage.
Prices per bushel on application.



The Sweet or Sugar Corn varieties, being liable to rot in cold or wet ground, should not be planted until April, or when the ground has become warm, and for a succession plant every two weeks until July, in hills 2x3 feet for the early kinds, and 3x4 for the large, late kinds. Some plant in drills three and one-half feet apart and eight inches in the row. Give frequent and thorough cultivation.

EXTRA EARLY ADAMS. The hardest and earliest white corn known, is not a sugar corn; ear short, grain white; indented Pkt., 5c; quart, 20c; peck, \$1.25.

EXTRA EARLY CORY WHITE COB SWEET. The plant is stout and vigorous, but short, and it will mature a full crop earlier than any of the new strains. Ears eight-rowed, with white cob and very large white grains. Pkt., 5c; quart, 20c; pk., \$1.00.

EARLY MINNESOTA SWEET. Very early of dwarf habit, producing ears of fair size, and of very choice quality. Pkt., 5c; quart, 20c; peck, \$1.00.

KENDALL'S EARLY GIANT. The ears grow to a tremendous size, measuring eight to ten inches long, and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white, sweet, tender. Packet, 5c; qt., 20c; peck, \$1.00.

CHAMPION. This is the largest of our early varieties. It is ten and twelve rows, very fine in quality and follows closely the extra earlies. Price, per packet, 5c; per qt., 20c; per peck, \$1.00.

SHAKER'S EARLY SWEET. A valuable second early corn, closely following the

well-known Cory. Desirable for family use, and one of the most profitable for market or canning. Pkt., 5c; quart, 20c; peck, \$1.00.

PERRY'S HYBRID SWEET. An early twelve rowed variety, from four to five feet high. The kernels are large, sweet and very tender. Pkt., 5c; quart, 20c; peck, \$1.00.

COUNTRY GENTLEMAN SWEET. Without doubt the sweetest and most tender variety of all. The ears are medium, cob small, pearly whiteness and irregularly crowded on the cob. Bearing from two to four ears to the stalk. Pkt., 5c; quart, 25c; peck, \$1.25.

STOWELL'S EVERGREEN SWEET. This variety is intermediate in its season; and if planted at the same time with earlier kinds will keep the table supplied till September. Pkt., 5c; quart, 25c; peck, \$1.00.

WHITE EVERGREEN. A type of the well-known Stowell's Evergreen, only it is pure white. The stalks are of very strong, vigorous growth, six to seven feet high; large ears, well filled, with long, slender grains; very fine, sweet flavor; excellent for market gardeners, canners and all lovers of good sweet corn. Pkt., 5c; qt., 25c; peck, \$1.25.

Corn Salad. Rabinischen, Feld Salat.

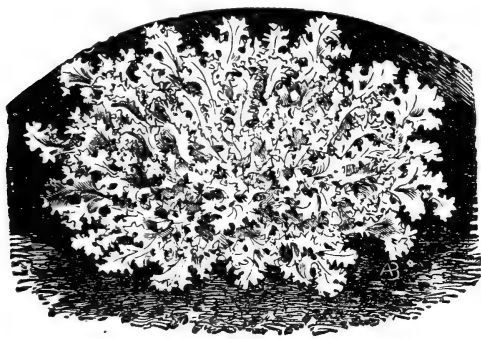
CORN SALAD. One of the most delicious salads, highly esteemed by the Germans. Sow early in spring in drills, or for very early autumn and winter use, sow in fall and winter cover same as spinach. If

grown in cold frames and covered with straw mats, it can be used at any time during the winter. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.

Endive. Endivien.

One ounce will sow twenty square feet.

An excellent salad for fall and winter use. Sow early in spring for early crop, and in mid-summer for late, in hills. When the plants are strong enough transplant as soon as the leaves are beginning to touch each other, tie them up over the heart of the plant to blanch.



GREEN CURLED. Producing beautifully curled dark green leaves; crisp, tender, and blanches cream white. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.50.

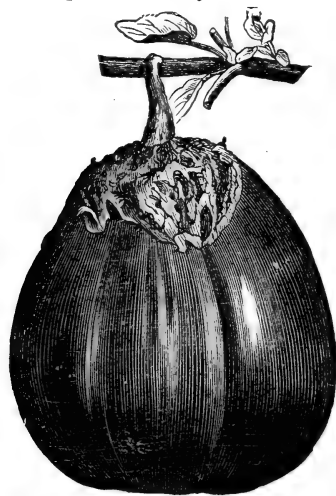
WHITE CURLED. This resembles the green except in color, blanches white very easily. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.50.

BATAVIAN OR BROAD LEAVED. Forms large heads of broad, thick leaves, which are used for flavoring soups or stews; Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.50.

Egg Plant. Eierpflanze.

One ounce of Seed will produce 1000 plants

Sow seeds in a hot bed in March, in the same manner as tomatoes. As they are susceptible to cold, they should not be transplanted in the open ground until the weather is quite warm. Set the plants three feet apart each way.



NEW YORK IMPROVED OVAL PURPLE. The leading market sort, very large and smooth, fine dark color, very prolific and of excellent quality. Pkt., 5c; oz., 35c; ¼-lb., \$1.25.

THORNLESS LARGE OVAL PURPLE OR SMOOTH STEM. An excellent new variety, fruit early, very large, oval and of a fine deep purple—never red nor yellow. Market and private gardeners will find this variety one of the very best. Pkt., 5c; oz., 35c; 1-4 lb., \$1.25.

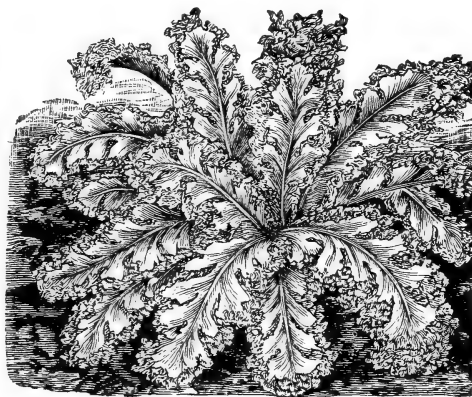
Kale or Borecole.**Blätterfohl.**

One ounce will produce about 2,000 plants

Sown in prepared beds, middle of April to beginning of May, and transplant beginning of June, same as cabbage. All the varieties are very hardy, and are best when touched by frost.

TALL GREEN CURLED SCOTCH. Grows about eighteen inches in height and spreads, under good cultivation, to three feet in diameter. The leaves are bright green, beautifully curled. Pkt., 5c; oz., 10c; 1-4 lb., 20c; lb., 75c.

DWARF GREEN CURLED ERFURT. Very tender. The leaves are deep green and beautifully curled, making a very ornamental appearance, spreading out to about two feet in diameter. Pkt., 5c; oz., 10c; 1-4 lb., 25c; lb., 75c.



DWARF GERMAN GREENS. Extensively grown as winter greens. Sow in September in rows one foot apart and treat in every way as Spinach. It is very hardy and is ready for use in early spring. It will take from three to four pounds Dwarf German Greens seed to sow one acre. Pkt., 5c; oz., 10c; 1-4 lb., 20c; lb., 65c.

LETTUCE. Salat.

One ounce of seed will produce about 3,000 plants.

Lettuce is of easy cultivation, but likes a good, rich soil. For early use, sow under glass in February and March and transplant in a well prepared bed as soon as the ground can be worked. Later sowings may be made in the open ground, at intervals of two weeks, for succession, as long as the weather permits.

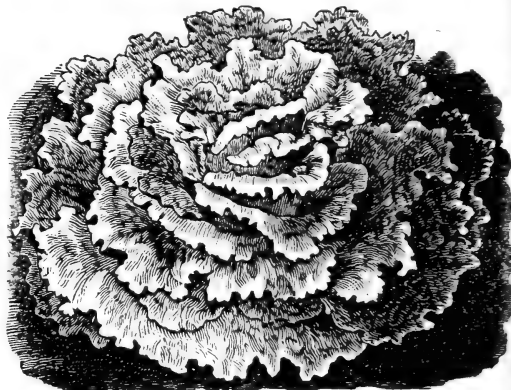
ST. LOUIS BLACK-SEEDED FORCING.

This is the best head of Cabbage Lettuce to force under glass, also for early planting out-doors. It is grown by nearly every St. Louis market gardener, and should be grown by all who grow lettuce for the market; when well grown forms very compact, solid heads. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

EARLY WHITE CABBAGE, OR BUTTER. Remarkably tender and crisp; sure to head; of quick growth. It is one of the best for early planting, and also for summer use, as it is slow to seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

ST. LOUIS MARKET. An excellent and very popular head variety, good for forcing and outdoor planting; large, white, solid head. This is one of the best and the leading sort with the St. Louis gardeners. Pkt., 5c. oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

St Louis
Market
Lettuce.



BLACK-SEEDED SIMPSON. Does not form a head, but is a compact mass of leaves; a light delicate green; a general favorite with Western gardeners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

GRAND RAPIDS. A loose-leaved curled variety of superior quality and beautiful appearance. A rapid grower, free from rot, and keeps crisp and tender without wilting. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

EARLY CURLED SIMPSON. Forms a compact mass of curly leaves of a yellowish-green. It matures earlier than the firm head sorts. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

BROWN DUTCH WINTER. A desirable variety for winter use; forms a large, solid head, the inner leaves of which are very sweet and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

HARDY GREEN WINTER. One of the best winter varieties; very hardy; forms a solid head. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

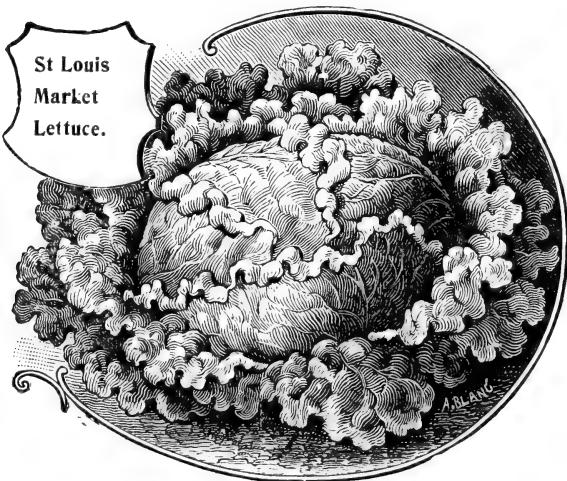
CALIFORNIA CREAM BUTTER., OR ROYAL WHITE SUMMER. Heads very large, crisp, tender and of good flavor; one of the best summer varieties, sometimes called Winter Lettuce. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

OAK-LEAVED LETTUCE. The distinguishing feature of this variety of lettuce is in its oak-shaped leaves. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

PRIZE HEAD. Forms a loose head of a dense mass of leaves, filled at the edge and densely blistered; deep green color, tinged with red. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

BIG BOSTON LETTUCE. This new variety resembles the well known Boston Market Lettuce, but produces heads almost double the size. Endures hot weather exceedingly well. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

ALL THE YEAR ROUND OR SALAMANDER. Large heads that stand the drought and heat longer than any other. Pkt., 5c., oz., 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Kohl-rabi. Glas-Kohl-rabi.*One ounce will produce 2000 plants.*

Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulb should be used while young and tender as age detracts from its good quality. For early use sow in hot-beds and transplant. Set plants eight inches apart in the row. When properly prepared Kohl-rabi is one of the most desirable of vegetables.

EARLIEST WHITE ERFURT. A very popular variety, good for forcing and out-doors, grows very quick. Tender and delicious, excellent quality. Pkt., 5c; oz., 20c; 1-4 lb., 65c; lb., \$2.00.

EARLY SHORT-LEAVED WHITE VIENNA. This is one of the best varieties for either forcing or out-door culture, is exceedingly tender and delicate. Pkt., 5c; oz., 20c; 1-4 lb., 65c; lb., \$2.00

EARLY PURPLE VIENNA. Similar to above except in color, quality very tender. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50,

LARGE GREEN OR WHITE. These are coarse growing varieties, and more generally grown for feeding cattle. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

Mustard. Genf.

One ounce will sow 50 feet of drill, it takes 8 to 10 pounds to sow one acre.

Used as a small salad. The seed is used for flavoring pickles, pepper sauce and medicinal purposes. Sow for salad thickly, early in the spring, in shallow drills, or in frames or boxes during the winter.

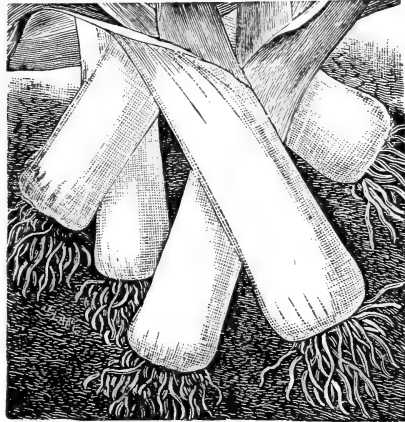
WHITE LONDON. Best for salads. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

BLACK OR BROWN. More pungent than the white; for ordinary use. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40.

GIANT SOUTHERN CURLED. Highly esteemed for salads, particularly in the South. The leaves are twice the size of the ordinary White Mustard; flavor sweet and pungent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

Leek. Lauch.

LARGE LONDON FLAG. The old well-known standard variety, producing good size Leek. Large and strong with broad leaves. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.25.



LARGE MUSSELBURGH. An excellent variety of great merit, and a favorite market sort of enormous size. Leaves large and broad, flavor mild and pleasant. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.25.

Mushroom Spawn.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry fresh horse manure and lay it in a heap to ferment: turn and mix it well every few days, and when well and equally fermented, which will be in from ten to fifteen days,



it may be made into a bed four feet wide and about 12 to 18 inches deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Water, when necessary, with luke-warm water, and expect mushrooms in from four to six weeks.

ENGLISH, IN BRICKS. lb., 15c; 10 lbs. \$1.25.

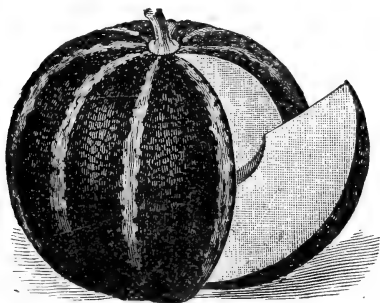
Melon-Musk.—Zucker-Melonen.

One ounce to 60 hills; 2 to 3 pounds, in hills, to an acre.

The melon delights in rich, sandy soil, but should never be cultivated in the vicinity of cucumbers, squashes or pumpkins, as it will invariably become impregnated with them, and produce fruit of an inferior quality. Sow in April and May in hills of light, rich soil, four feet apart, allowing but three plants to grow in each hill; after they have grown about a foot long, pinch off the points of shoots, which cause the vines not only to become stronger, but makes them produce lateral branches, and prove more productive and mature earlier



ROCKY FORD. This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick green, very sweet and high flavored. This is the variety grown extensively around Rocky Ford, Col., and shipped from there in enormous quantities to distant and near markets. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

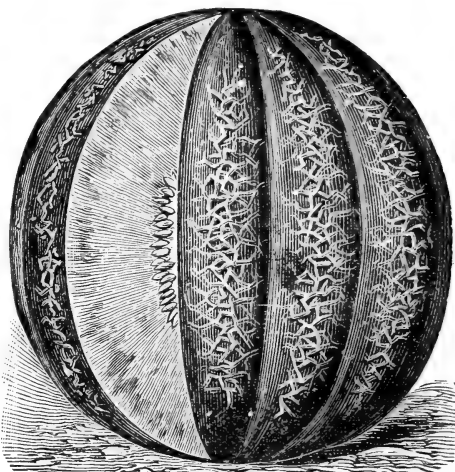


PAUL ROSE. This Muskmelon is a cross between the two well known favorites, Osage and Netted Gem. The flesh is salmon in color, with a fine close grain and is most delicious and appetizing. The rind though thin is very firm and finely netted; it is one of the best shipping and keeping melons on the market. Pkt. 5c; oz. 10c; ¼-lb., 30c; lb., \$1.00.

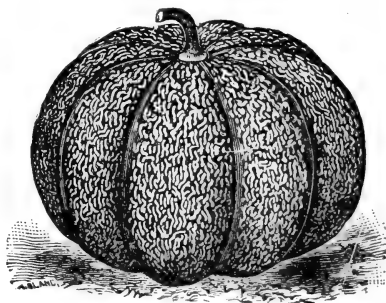
NETTED GEM. One of the earliest and best small melons grown. Oval in shape and very uniform in size; flesh light green and of very fine flavor; exceedingly productive. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

EMERALD GEM. Fruit of medium size; a deep green color. Pkt., 10c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

NUTMEG. One of the earliest. The old, well-known sort; nutmeg-shaped, finely netted, flesh greenish-yellow, rich and sugary. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., \$1.00.



OSAGE. This variety is of egg-shape, skin very thin, of dark green color and slightly netted; the flesh is of a green color, remarkably sweet; and a great point of merit is that, no matter what size the melons are, they are always sweet and a good keeper, and will stand shipping better than any other sort. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.



EXTRA EARLY HACKENSACK. An improvement of the old well-known Hackensack, but about a week earlier. Very large, round in shape, flattened at the end; flesh green, very sweet and highly flavored. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

BAY VIEW CANTALOUPE. One of the largest Cantaloupes in cultivation; a very prolific and green-fleshed variety. Well liked by everybody who has grown it. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., \$1.00.

ST. LOUIS MARKET MUSKMELON. Crop of this variety failed this year and have no seed to offer.

Watermelons. Wasser-Melonen.

One ounce to 30 hills; 4 to 5 pounds, in hills, to an acre.

Watermelons require a rich, though rather sandy soil for best development, and thrive best in a warm, sunny exposure. Plant in hills eight to ten feet apart each way, and cultivate like the Muskmelon. To secure the largest fruit have but one or two melons to a vine.

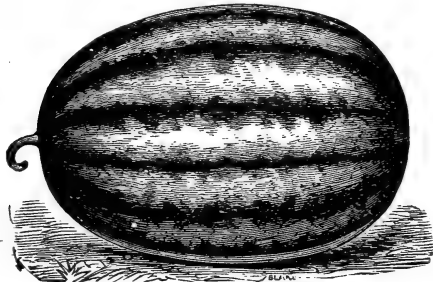
KOLB'S GEM. This variety is well-known for its solidity, uniformity of size weight and fine shipping qualities. The melons are nearly round, rind dark, rich green marbled with lighter shades; flesh crimson; quite solid and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

SWEET HEART. Early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, firm, solid but very tender, melting and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

FLORIDA FAVORITE. This variety is very early and one of the finest table melons, oblong in shape; rind dark with light-green stripes; flesh light crimson, very crisp; seed rather small and of a light creamy-white color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

PHINNEY'S EARLY. An extraordinary early variety; form oval, rind rather thick, flesh bright red and quite productive; but its earliness we regard as its only good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

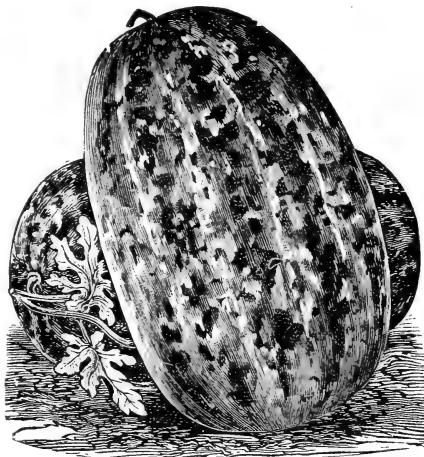
TRIUMPH WATER MELON. The fruit is uniformly large, nearly round, dark green, striped with a lighter shade; rind thin and firm, making it an excellent shipper; flesh bright red. Packet, 5c; ounce, 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.



CUBAN QUEEN. One of the finest varieties grown; skin striped light and dark green; flesh is bright red, solid, luscious; Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

ALABAMA SWEET. The best melon grown for shipping. Oblong, very large dark green, faintly striped, very sweet, entirely stringless; very prolific. We cannot recommend this melon too highly. Pkt., 5c., oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 60c.

KLECKLEY'S SWEET. Large oblong melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh, bright scarlet; the rind only about one-half inch in thickness. The melon is better for home use than for shipping. Packet, 5c; ounce, 10c; $\frac{1}{4}$ -lb., 20c; lb., 75c.



IMPROVED LONG DIXIE. Form oblong, flesh scarlet, melting and exceedingly sweet. We regard it as one of the best varieties for the table; Very early and productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

JUMBO JONES. The shape of this melon is almost round. The skin is green, with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

PEERLESS, OR ICE CREAM, WHITE-SEEDED. Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to the center, and sweet as honey. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

SOUTHERN RATTLESNAKE, OR STRIPED GIPSY. A variety of large size and fine shipping qualities; shape oblong, of light green color, and beautifully mottled and striped; flesh scarlet, rind thin, very solid. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

COLORADO PRESERVING CITRON. Oblong and very large. Price per pkt., 5c; per oz., 10c; per lb., 75c.

ONION. Zwiebeln.

One ounce of seed will sow 75 feet of drill; it will take 4 to 5 pounds to the acre to grow large onions. If sets are wanted, 50 to 60 pounds should be sown on an acre.

CULTURE. A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply ploughed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seed in drills 14 inches apart and half an inch deep, **rolling firmly over the seed.** A cultivator may be used between the drills, being careful not to throw the earth too much over the bulbs. Weed the drills very carefully, and **never allow the weeds to get ahead of the young plants.** The onions may be pulled as soon as the tops are all down. Expose to the sun for a few days to dry them off for storage or market.

EXTRA EARLY FLAT RED. Matures very early; medium size, close-grained solid and heavy; an excellent market variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.

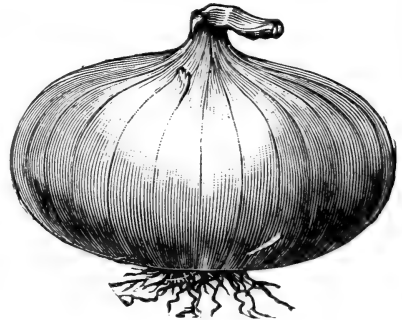


LARGE RED WETHERSFIELD. The standard sort; best for main crop. Large size, of a purplish, red color; round or oval shaped, fine grained, pleasant flavored and productive. It ripens in September; an excellent keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

SOUTHPORT LARGE RED GLOBE. Similar to the Large Red in color and flavor, but quite distinct in form, being nearly globular; it is a heavy cropper, and is much praised by many as a market variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.

YELLOW GIANT PRIZETAKER. This wonderful onion has become very popular in the last few years. **It grows to an immense size.** Prizetaker is a globe shaped variety, skin of bright straw color, flesh white, sweet, tender and very mild. You can grow a good crop of Prizetakers even in a dry season, when other sorts are a failure." Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.

LARGE YELLOW GLOBE DANVERS. Immensely productive and good keepers. Large size, globe shaped, small neck, fine flavor, mild and early; in fact, all that is required to make a first-class onion for either home or market use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.



YELLOW FLAT DANVERS. Differs from the Danver Yellow Globe in shape only, being more flat. A very good variety for sets. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.75.

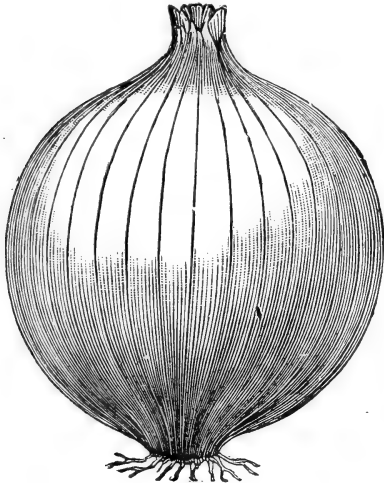
AUSTRALIAN BROWN. Nearly round, medium size, with skin deep amber brown, extremely hard and firm, for either market or home use; long keeper; flesh white, fine quality, price per pkt., 5c; per oz., 15c; per lb., \$1.75.

Raising Onions pays well—200 bushels per acre is only a fair crop. Good Onions can be raised from seed in five months from planting.

Onions—continued.

MAMMOTH WHITE SILVER KING. The skin is a silver white, and the flesh pure white and of a particularly mild and pleasant flavor. Single bulbs of this variety have been grown to weigh three pounds. The bulbs are flattened in form but quite thick. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

GIANT WHITE TRIPOLI. Of large size and most beautiful form, with fine, white skin. It will grow an onion of from one to one and a half pounds; Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.



SOUTHPORT LARGE WHITE GLOBE.

A large globe-shaped onion; firm, fine grained, of mild flavor; keeps well. This is one of the handsomest onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 65c; lb., \$2.25.

WHITE PORTUGAL. Very desirable for family use; flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 60c; lb., \$2.00.

EXTRA EARLY WHITE PEARL. This is one of the earliest. It grows to a fair size, of pearly white color, flesh of a pure snow-white, and flavor very mild. A splendid keeper, succeeding everywhere, and requiring only thin soil. Pkt., 5c; oz., 20c; $\frac{1}{4}$ -lb., 60c; lb., \$1.75.



PHILADELPHIA WHITE SILVERSKIN.

This is the best for growing white sets, also for pickling onions, having for many years been grown in the vicinity of St. Louis; especially for sets, is now particularly desirable for that purpose. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 60c; lb., \$2.00.

EL PASO OR LARGE MEXICAN. A Southern variety grows to an immense size, often weighing two to three pounds. Skin and flesh white, very mild flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

Onion Sets and Top Onions.

Prices given below are subject to change.

Sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets 3 to 4 inches apart; the onions can be used in green state in April or May and will ripen in July.

WHITE ONION SETS. Per. qt., 15c; pk., \$1.00; bu., \$3.75.

YELLOW ONION SETS. Per. qt., 15c; pk., \$1.00; bu., \$3.50.

RED ONION SETS. Per. qt., 15c; pk., \$1.00; bu., \$3.50.

POTATO ONION SETS. Per. qt., 15c; pk., \$1.00; bu., \$3.50.

YELLOW SHALLOTS. Per. qt., 15c; pk., \$1.00; bu., \$3.50.

PERRENIAL OR EGYPTIAN TOP ONIONS, ready in August.

One quart will plant 50 feet of drill.

To grow large, full size Onions; four or five pounds should be sown to the acre. To raise Pickling Onions and Onion Sets, fifty to sixty pounds are required per acre, and for this purpose the best varieties are the Yellow Danvers, Red Wethersfield, Philadelphia White Silverskin and White Portugal.

As Onions grow on top of the ground they may be allowed to remain pretty thick, no matter if they crowd each other, particularly if they are growing for sets.

Okra, or Gumbo. Gumbo.

One ounce will sow 50 feet of drill.



Plant the seed when the ground becomes warm, in drills three feet apart and eight or ten inches between the plants. The seeds are liable to rot in the ground and should be put in thickly to secure the requisite quantity of

plants. Very rich ground is demanded by this vegetable. It is necessary to make an early and later sowing to secure an uninterrupted supply throughout the season.

LONG GREEN OR WHITE. Grows five feet high. Very prolific, with long, smooth and slim pods. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c; lb., 55c.

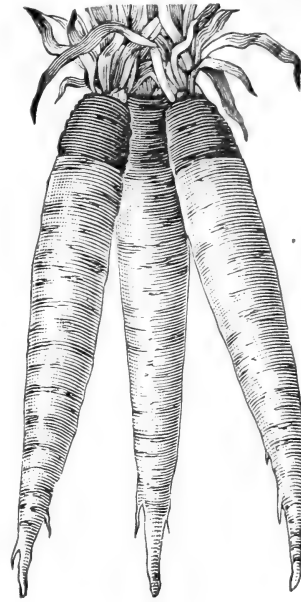
IMPROVED DWARF GREEN. Three feet high, early and very productive. Pods medium length, green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

WHITE VELVET. The pods of this variety are round and smooth, and are produced in the greatest abundance. Pkt., 5c.; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

Oyster Plant, or Salsify.

Saferwurzel.

One ounce will sow 40 feet of drill. It takes eight pounds to plant an acre.



A fine vegetable, used and served as carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor.

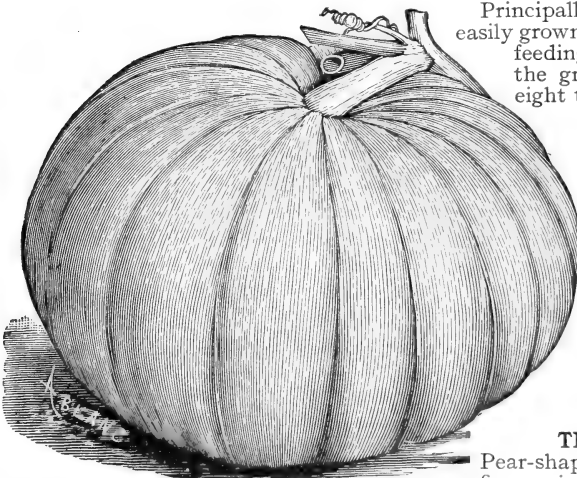
Cultivate the same as carrots and parsnips. Succeeds best in a light, well-enriched mellow soil. Sow early in the spring in drills fifteen inches apart one inch deep, and thin out to

six inches apart in the rows.

MAMMOTH SANDWICH ISLAND. This variety grows to a very large size. It is very mild and delicately flavored. Invaluable to market gardeners. Pkt., 5c; oz., 10; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

Pumpkin. Feld-Kürbisse.

One ounce will plant about 15 hills.



Principally used for field culture; they are easily grown and are very profitable for stock feeding. Sow in good soil in May, when the ground has become warm, in hills eight to ten feet apart each way, or in fields of corn about every fourth hill. Always avoid planting near other vines, as they will hybridize.

KENTUCKY FIELD. Large round, a little ribbed, soft shell; salmon color; productive, and one of the best for stock feeding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 35c.

CONNECTICUT FIELD. A large yellow variety, hard shell. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 35c.

TENNESSEE SWEET POTATO.

Pear-shaped, flesh thick, cream white, fine-grained and of excellent flavor. Pkt., 5c.; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

CUSHAW. Long, yellow crook-neck, similar to the Crook-neck Winter Squash; flesh yellow, solid, fine grained and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

MAMMOTH TOURS. These originated in France; grows to an immense size, often weighing 100 to 150 pounds. Skin ash grey or pale green, inclined to be striped; flesh salmon color; of fair quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 40c; lb., \$1.25.

Pumpkin—continued.

JAPANESE PIE. Flesh very thick and of a rich salmon color, nearly solid, the seed cavity being small; fine grained, dry and sweet, making pies as rich without eggs as other varieties do with. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

LARGE CHEESE. One of the best for table use, productive; skin orange; flesh yellow and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

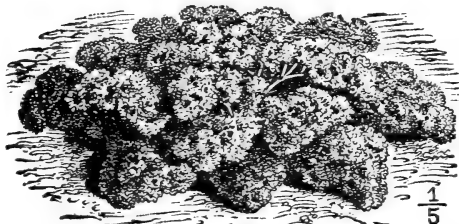
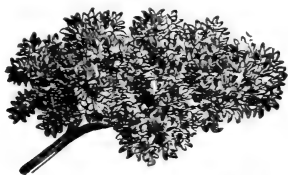
Parsley. Petersilie.

One ounce will sow 100 feet of drill. Six pounds to the acre.

Soak the seeds a few hours in lukewarm water, and sow early in spring, and until the middle of July, in drills one foot apart. Thin out the plants to four inches. To preserve in winter, transplant to a light cellar or cold frame.

PLAIN LEAVED. Used largely for soups on account of being a stronger flavor than the other varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 50c.

DOUBLE CURLED. A fine variety, well curled, in common use for general crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.



MYATT'S GARNISHING, OR MOSS CURLED. A very select stock, beautifully crimped and curled. Decidedly the best and most popular variety for general use. Quite decorative for garnishing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

Pepper. Pfeffer.

One ounce will produce about 1,500 plants

Sow in February or March in a hot-bed and transplant into open ground late in April or May, when the weather has become well settled, as the plants are quite tender. Set in rows about two feet apart, and fifteen inches apart in the row. A warm, sandy loam is best suited to their growth.

RUBY KING. The peppers frequently attain a very large size, four to six inches long by three to four inches thick. When ripe they are always remarkably mild and

pleasant to the taste. Each plant produces from eight to twelve large handsome fruits. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c.

SWEET MOUNTAIN. Similar in shape to the Large Bell, but of a much larger size; rind thick, fleshy and tender; much used for pickling, stuffed like Mangoes. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c.



LARGE BELL, OR BULL NOSE. Of large size, very early, of sweet, mild flavor; glossy red; rind thick and fleshy. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c.

LONG RED CAYENNE. From three to four inches long, of a bright red color, very productive, hot and pungent; the best for seasoning pickles. Pkt., 5c; oz., 25c; $\frac{1}{4}$ -lb., 75c.

RED CHERRY. An exceedingly ornamental variety; fruit round, of a rich, glossy, scarlet color; used for pickles and pepper sauce. Pkt., 5c; oz., 30c; $\frac{1}{4}$ -lb., \$1.00.

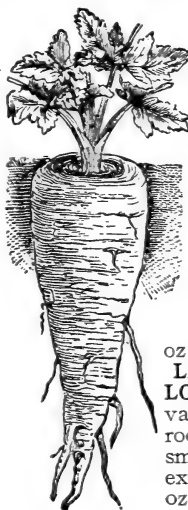
YELLOW CHERRY. Bright yellow. Pkt., 5c; oz., 30c; $\frac{1}{4}$ -lb., \$1.00.

CHILL. Small cone-shaped, very pungent. Ripe and green pods are used as pickles, also for making pepper sauce. Pkt., 5c; oz., 30c; $\frac{1}{4}$ -lb., \$1.00.

CHINESE GIANT. The largest variety known. It is one of the square shouldered type, thick, sweet flesh and a good yielder. Price, per packet, 10c; per oz., 45c.

Parsnip. Pastinac.

One ounce will sow about 125 feet of drill; four to five pounds will sow one acre.



Sow as early in the spring as the ground can be worked, in rich soil, in drills eighteen inches apart. The ground should be well and deeply dug. Thin to six or eight inches in the rows. Hoe and cultivate often to keep down the weeds.

LONG SMOOTH WHITE. Long, white, very smooth, with no side roots; tender and of very fine flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

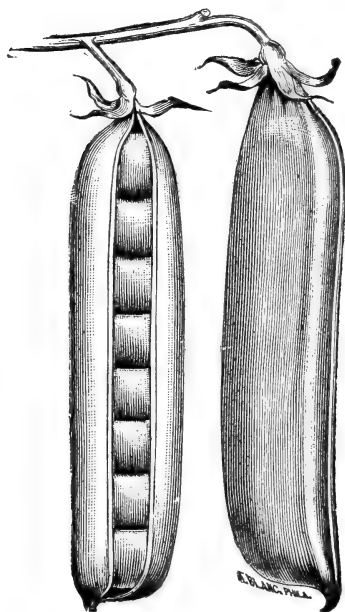
LARGE SUGAR, OR HOLLOW CROWN. The best variety in cultivation; roots, medium long, white, smooth, tender, sugary of excellent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

PEAS. Erbjén.

Prices per bushel on application.

*If by mail add 15 cents per quart for postage.**One quart will plant 60 feet of drill; it will take two to two and one-half bushel to plant one acre.*

The soil best adapted for the Pea is a rich loam, well manured the previous year (use thoroughly decomposed manure, if any, immediately before planting). For early crops sow as early in the spring as the ground can be worked, in drills three feet apart, and for a succession, every two weeks until the first of July. When they are about three inches high begin to draw the earth to the stems. Hoe often in dry weather.

Extra Early Varieties.**FIRST OF ALL.****The Earliest Pea in Cultivation.**

S. & C. FIRST OF ALL. We offer this variety as just the Pea for market gardeners, as it is the earliest and ripens more uniformly than any other variety. As all the pods have matured in forty-five days so that frequently the ground can be ready for a second crop in seven weeks from time of planting. The vine is small, about two feet high, and bears from five to seven straight, handsome pods, all of which, as a

rule, are well filled. The strain we offer for sale we know will please and give entire satisfaction. Pkt., 5c; qt., 20c; pk., \$1.25.

EXTRA EARLY MAY. This early Pea is sweet and delicious, and most desirable for market gardeners and private growers; two and one-half feet. Pkt., 5c; qt., 20c; pk., \$1.25.

ALASKA. An extra early variety, bearing pods of a dark green color, well filled which ripen uniformly. The Peas are of a fine flavor and very tender; it is a prolific bearer, a most desirable shipping variety, owing to the dark green color of the pods. Two feet. Pkt., 5c; qt., 25c; pk., \$1.50.

Early Dwarf Varieties.

NOTT'S EXCELSIOR. Dwarf, extra early, has fully borne out the high praise given it, and has become exceedingly popular. It is a little taller than the American Wonder, a splendid cropper, with large curved handsome pods. The Peas are green, wrinkled and of delicious quality, sweet and juicy. A distinct and valuable introduction. Pkt., 5c; qt., 25c; pk., \$1.50.

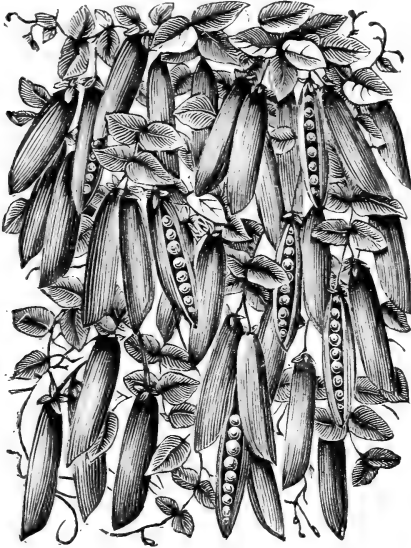
AMERICAN WONDER. One of the earliest and best dwarf wrinkled peas known. Growing about ten inches high, well filled with pods containing six to eight large, sweet peas. Requires good rich soil. Pkt., 5c; qt., 25c; pk., \$1.50.

EXTRA EARLY PREMIUM GEM. A valuable variety, growing about fifteen inches high, and among the earliest green wrinkled sorts. The quality is unsurpassed, and wonderfully prolific, often twelve pods on a stem. Pkt., 5c; qt., 25c; pk., \$1.50.

TOM THUMB. An extra early Dwarf Pea, of strong growth. It is perhaps, with the exception of the American Wonder, the most dwarf of any; ten inches. Pkt., 5c; qt., 25c; pk., \$1.50.

PEAS—continued.

GRADUS. The earliest large wrinkled pea. Nearly the size of Telephone and possessing all its delicate qualities. The vine is about three feet in height, foliage light green. Maturing but three or four days after the round, hard early June varieties, and surpassing them in every point of excellence. Price per qt., 35c; per pk., \$2.00.



HORSFORD'S MARKET GARDEN. One of the best second early peas. A grand wrinkled variety. It is a prolific bearer, and has yielded more per acre than any other American variety. The pods, although medium size, are numerous, and are literally packed with peas of a delicious sweet flavor; very stocky, requiring no brushing. Two feet. Pkt., 5c; quart, 25c; peck, \$1.50.

PRIDE OF THE MARKET. The pods are very large in size and handsome in appearance, and the peas, when cooked, are of splendid quality. Pkt., 5c; quart, 25c; peck, \$1.50.

TELEPHONE WRINKLED. Large, handsome, well filled pods, and very fine table quality. The vines often bear eight-

een to twenty pods per stalk, each containing six or seven large peas. Four feet. Pkt., 5c; quart, 25c; peck, \$1.50.

IMPROVED STRATAGEM. The pods are of immense size, uniformly filled with large, dark green peas of the finest quality; vine medium height but very stocky, with very broad, light green leaves, and bearing abundance of large, handsome pods; one of the very best varieties. Pkt., 5c; quart, 25c; peck, \$1.50.

BLISS' EVERBEARING. The vines attain a height of from eighteen inches to two feet, foliage large. The pods will average three to four inches in length, each pod producing six to eight wrinkled peas. For a continuance of bearing this variety is unexcelled. Pkt., 5c; quart, 25c; pk., \$1.50.

CHAMPION OF ENGLAND. A green wrinkled variety, one of the richest and best flavored peas grown; one of the finest varieties for family use or the market gardener. Four feet. Pkt., 5c; quart, 25c; peck, \$1.50.

LARGE WHITE MARROWFAT. One of the oldest varieties. Large broad pods, well filled, of excellent quality. Five feet. Pkt., 5c; quart, 15c; peck, 75c; bu., \$3.00.

BLACK-EYED MARROWFAT. Hardy, productive, well-filled pods. Three feet. Pkt., 5c; quart, 15c; peck, 75c; bu., \$3.00.

DWARF GREY SUGAR, EDIBLE PODS
Grows about two feet high. The seeds are large, shriveled, and of a dark brown color. The pods are broad, flat and crooked. Pkt., 5c; qt., 25c; pk., \$2.00.

TALL MELTING SUGAR. It bears a profusion of large broad pods, which are so brittle that they snap without any string. Pkt., 5c; qt., 35c; pk., \$2.00.

Early Peas being a most important crop to the trucker, great care should be used in getting good seed. We handle only the best selected stock, which will give universal satisfaction.

We pay postage on all Vegetable and Flower Seeds by the pound, half pound, quarter pound and ounce, at prices given in this Catalogue, except on Peas, Beans and Corn. If these are wanted by mail send extra money for postage at rate of 15 cents per quart.

RADISH. Radieschen Rettige.

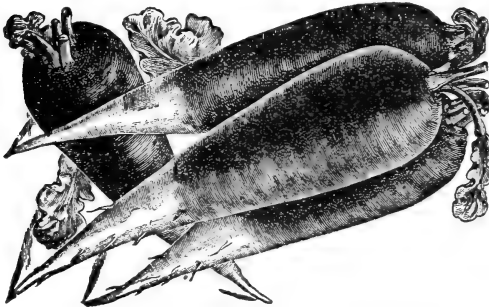
One ounce to 50 feet of drill, it will take from 8 to 10 pounds for an acre. For an early crop sow in hot-beds in February.

Special prices given for large quantities.

The Radish is very hardy, and can be sown as early as the ground will admit. To be crisp and tender they should make a quick growth. The soil should be very rich and light; sow the seed in drills one foot apart and cover lightly; thin while small to two or three inches apart; hoe often; for a succession sow at intervals of two weeks throughout the summer, using the varieties best adapted to the different stages of the season. The winter varieties should be sown in August; they must be taken up before severe frosts and stored in a good cellar and covered with earth.

EARLY LONG SCARLET, SHORT TOP.

The standard variety of the long sorts, used either for forcing or open culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 45c.



BRIGHTEST LONG SCARLET. Resembles Early Long Scarlet. Extra early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white; Price, packet, 5c; ounce, 10c; pound, 60c.

WHITE LADY FINGER, OR LONG WHITE VIENNA. Most beautiful in shape skin and flesh are pure snow white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

EARLY SCARLET, OLIVE-SHAPED. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

EARLY FRENCH BREAKFAST, OR EARLY SCARLET OLIVE-SHAPED, WHITE TIPPED. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

NON PLUS ULTRA. (Deep Scarlet Forcing Radish.) The smallest topped and forcing radish; small, round; matures in 18 to 20 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

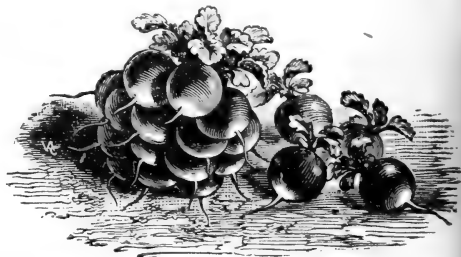
CHARTIER, OR LONG ROSE, WHITE TIPPED. Is a long radish, red at the top and shading off to a fine white at the tip. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 55c.



ICICLE. The roots of this Radish grow about four inches long, are of transparent whiteness with short leaves, and grows very quickly. It is of excellent flavor and equally desirable for home use and market gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

WOOD'S EARLY FRAME. Best long Radish for forcing; also good for outdoor crop, either spring or fall. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 55c.

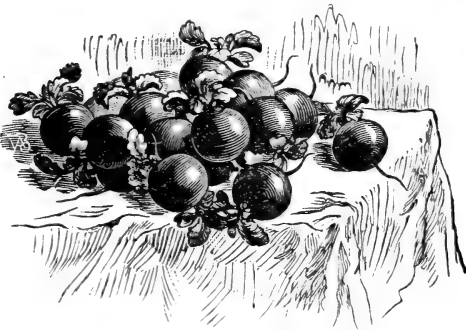
EARLY HALF-LONG DEEP SCARLET. Distinct in color of skin and shape of the root, which is somewhat of the olive-shaped type. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.



EARLY SCARLET TURNIP, WHITE TIPPED. A small, round, turnip-shaped Radish, of bright scarlet, tipped with pure white, which gives a very pleasing appearance to the bunches when ready for market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

RADISH—continued.

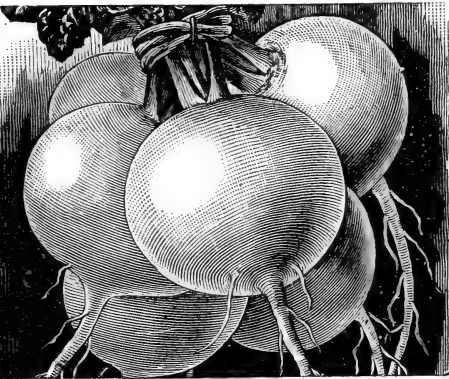
EARLY ROUND DARK RED. Beautiful shape, and extra early. It is always crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.



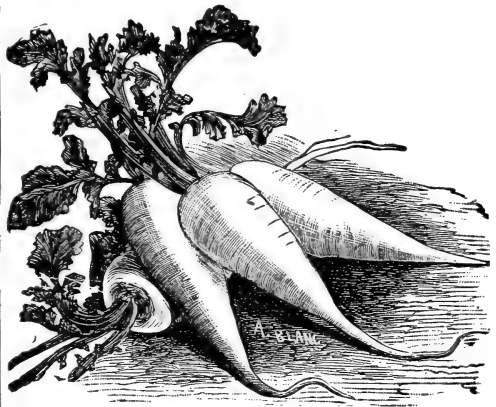
EARLY SCARLET TURNIP. The old standard sort; very early; in great demand for home use. Small, round, with short top. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 50c.

EARLY SCARLET GLOBE. For forcing in the greenhouse, hot-beds or cold-frames, and for sowing on open borders early in the spring. It is one of the earliest; in flavor it is mild, crisp, juicy and tender.

EARLY WHITE TURNIP. Of quick growth; both skin and flesh pure white, crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.



PHILADELPHIA WHITE BOX. Perfect turnip shape, extra fine quality, and showing but little disposition to become pithy; especially fitted for growing under glass, in frames, or "boxes," hence its name. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.



ST. LOUIS WHITE SUMMER. Grown by nearly every gardener. It is of handsome oblong shape, tapering beautifully to a point. Flesh pure white, almost transparent, very tender and of a delightful pungent taste. Very early and a quick grower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 55c.

ROSE-COLORED CHINA WINTER. One of the best winter varieties; bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

ROUND WHITE MUNICH, OR FALL. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 75c.

ROUND BLACK SPANISH FALL. A fine globe-shaped radish; very popular; good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 75c.

LONG BLACK SPANISH, OR FALL. One of the hardiest and best for winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 75c.

LONG WHITE SPANISH OR FALL. Very large size and firm texture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 75c.

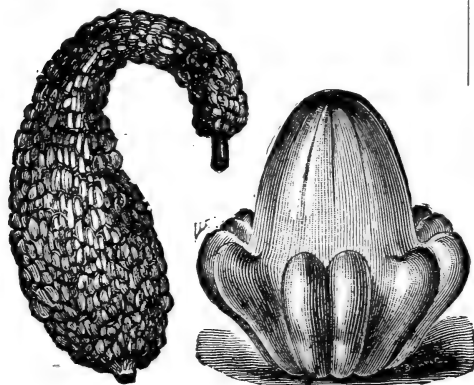
ROUND SCARLET CHINA. Of a fine scarlet color, about 3 inches in diameter; the flesh is a pure white and of a pleasant flavor. The seed may be sown at intervals. Pkt., 5c; oz., 15c; $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

CALIFORNIA MAMMOTH WHITE. A winter variety, growing twelve inches long; white fleshed, firm and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c; lb., 65c.

Squash. Speise-Kürbisse.

One ounce will plant about 25 to 30 hills, it takes 3 to 4 pounds to plant an acre.

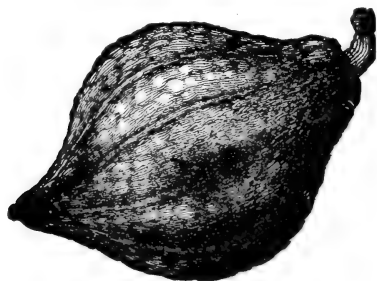
Squashes grow readily on almost any soil but will well repay generous treatment. Plant in May in hills about six feet apart; Sow eight or ten seeds in a hill to allow for loss by insects. Three or four of the strongest plants are enough to leave in a hill.



WHITE PINEAPPLE. The skin is of a creamy white, with flesh of same color, fine grain and splendid quality, having a rich cocoanut flavor. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

EARLY BUSH SUMMER CROCKNECK. One of the best for summer use; fruit bright yellow. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

WHITE BUSH SCALLOPED, OR PAT-TYPAN. Of a light green color, very productive and the earliest to mature. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.



HUBBARD. A favorite winter squash, and more largely grown as a late sort than any other; of large size, fine grained, dry, and of excellent flavor; flesh dark yellow; very hard shell; will keep well until spring. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

YELLOW BUSH SCALLOPED, OR PAT-TYPAN. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

BOSTON AUTUMNAL MARROW. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

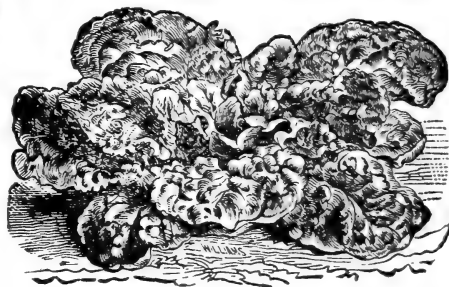
LARGE WINTER CROCKNECK. The kind most cultivated for fall and winter use; Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

MARBLEHEAD. Skin light bluish-gray. Flesh light yellow, dry, sweet and delicious. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

MAMMOTH CHILI. Often attaining the weight of 200 pounds; excellent for pies or stock; Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.

Spinach. Spinat.

One ounce will sow 50 feet of drill. Twelve to sixteen pounds will sow an acre.



BLOOMSDALE CURLED SAVOY-LEAVED. A variety highly popular among gardeners. The leaf is wrinkled in the same manner as the Savoy Cabbage; is the hardest of all the Spinach family, and produces nearly twice the weight of the old varieties in crop. One of the best for family or market use, the leaves being very numerous and succulent. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 25c.

ROUND THICK-LEAVED SUMMER. An excellent, productive and hardy variety. Very popular. Equally good for spring or fall sowing. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

LONG-STANDING. Does not incline to run to seed as most others. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

PRICKLY-SEEDED. Rather more hardy than any of the above named sorts, Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

NEW ZEALAND. This variety produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

Tomato. Liebesäpfel

One ounce will produce about 1,500 plants; one quarter pound to transplant for one acre

Sow the seed in February or March, in the hot-bed, or in any sunny place in the house. To make very healthy stock plants, they may be transplanted when about two or three inches high. When eight or ten inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

ACME. One of the earliest and handsomest varieties; perfectly smooth, very solid and a great bearer; color dark red with purplish tint. Pkt., 5c.; oz., 15c; ¼-lb., 50c; lb., \$1.75.

EARLIANA. Is a very early large variety, of uniform size and very productive. The fruit is round, smooth and firm; color bright red. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.75.

LIVINGSTON'S BEAUTY. A very fine variety of large size, grows in clusters of four or five, color glossy crimson with a purplish tinge. Very solid, with a tough skin, making it a desirable market variety. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

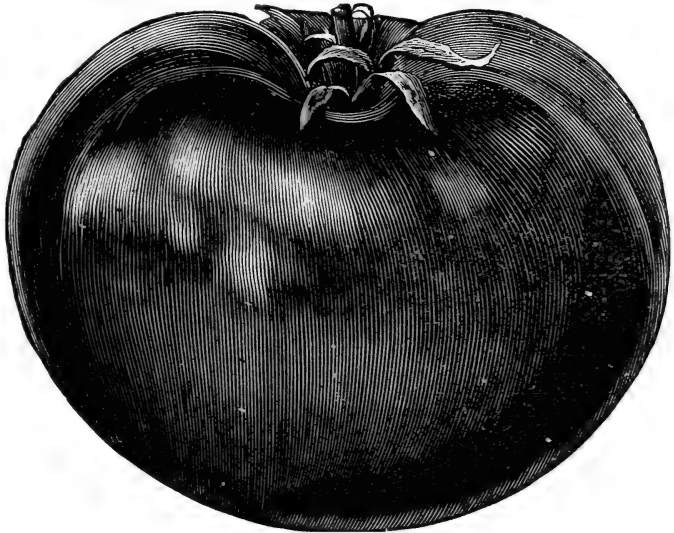
FAVORITE. One of the largest and most perfect shaped varieties; ripens evenly and early; very prolific, good flavor, flesh solid. Color bright red. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

WHITE'S EXCELSIOR. A first-class main crop purple tomato of large size. It is quite early and bears fruit until frost. The fruit is large, heavy and solid, coloring evenly about the stem, with no hard core and few seeds. Pkt., 5c; oz., 25c; ¼-lb., 75c; pound, \$2.50.

THE STONE. A handsome tomato; ripens for main crop; is very large and of bright scarlet color; very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed; not subject to rot. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

THE TROPHY. A well known variety; large, red, smooth, solid, and fine flavored. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

BUCKEYE STATE. One of the largest of all the new sorts, fully one-half larger than the well-known Beauty. It is also a very heavy cropper. The color is much the same as Beauty; solid, meaty, heavy. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.



DWARF CHAMPION. Differs from any other in its style of growth, being dwarf and more compact. It is a very early and remarkably productive. Purplish. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

MAGNUS. It is thicker, heavier and more solid than Acme or Beauty, making it easy cultivation. The form is perfect, uniformly large and very deep from stem to blossom end. It ripens evenly, does not crack about the stem and the flavor is most desirable. Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$2.00.

PONDEROSA. Grow to an enormous size, dark crimson color, very solid and fine flavor. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.75.

IMPERIAL. Early, perfectly smooth, solid and of the finest quality; in color a red, tinted with purple. A handsome table variety. Pkt. 5c., oz., 25c; ¼-lb., 75c; lb., \$2.50.

LARGE ROUND YELLOW, OR GOLDEN QUEEN. Large, smooth, solid and productive. None better for slicing and preserving. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

YELLOW CHERRY. For preserves Pkt., 5c; oz., 30c;

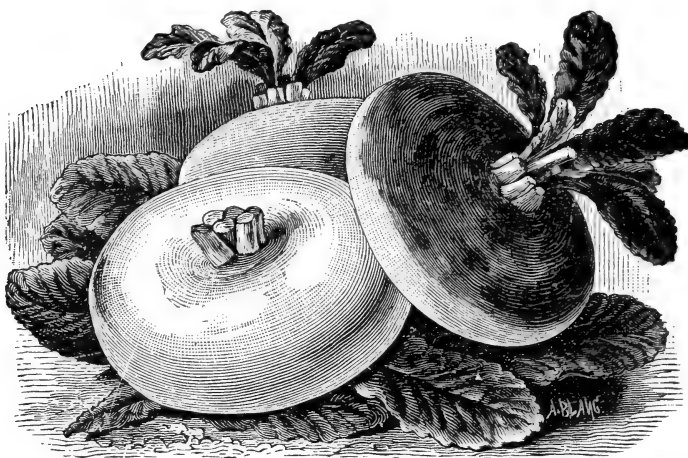
YELLOW PEAR. Very fine pear-shaped fruits. Pkt., 5c., oz., 35c.

YELLOW PLUM. used for preserves. Pkt., 5c; oz., 30c;

RED CHERRY. For preserves Pkt., 5c; oz., 30c;

TURNIPS. Weiße Rüben.

One ounce will sow 100 feet of drill. One pound will sow one acre.



For early, sow in March, in drills half an inch deep and twelve inches apart. Thin to six inches apart in the drill. For main crop sow broadcast during July and August, and just before or during a showery time if possible. The soil should be rich and mellow and kept free from weeds.

EXTRA EARLY PURPLE-TOP MILAN.

Of handsome appearance, somewhat flattened, white, purple top, flesh snow-white, fine grained and delicate flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c.

EARLY PURPLE TOP MUNICH. Purple top, white flesh, fine grain and good flavor; should be grown quickly. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 20c; lb., 65c;

WHITE FLAT DUTCH, EARLY STRAP-LEAVED. A white fleshy variety, of quick growth, mild flavor and excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

RED OR PURPLE STRAP LEAF. This variety is the principal sort for spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor and a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

LARGE RED TOP WHITE GLOBE. A variety of decided merit. Very handsome and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth and an excellent keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

WHITE EGG. For spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

LONG WHITE OR COW HORN. Grows partly above ground; very productive; flesh white, fine grained and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

LARGE WHITE GLOBE. Flesh coarse grained and sweet; one of the best late varieties for stock, not so desirable for table use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

YELLOW GLOBE OR AMBER. Flesh firm and sweet; grows to a large size; excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

SEVENTOP OR TURNIP WINTER GREENS. Sow in September to stand all winter, producing early in the spring an abundance of fine greens. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

Rutabaga. Steck-Rüben

The Rutabaga or Swedish Turnip, is extensively grown for a farm crop; the roots are closed grained, very hard and will endure a considerable degree of cold without injury. Sow from 20th of June to 20th of July, in drills two feet apart, and then thin out to eight or ten inches.

AMERICAN YELLOW, PURPLE TOP. This variety is largely grown both for the table and feeding stock; flesh very solid, fine quality, keeps until summer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 15c; lb., 40c.

Tobacco. Tabak

Sow in hot-beds or out of doors as soon as the ground can be worked, in rich, dry soil, keep free from weeds and water frequently if the weather is dry; set out in May or June, three feet apart, in heavily manured land. One ounce will produce 4,000 to 5,000 plants.

MISSOURI BROAD LEAF.

WHITE BURLEY. A popular variety.

HAVANA. The best for filler.

CONNECTICUT SEED LEAF. Best variety for cigar wrappers.

Any of the above pkt., 5c; oz., 30c; $\frac{1}{4}$ -lb., \$1.00.

Sweet and Pot Herbs.

Rüchen-Kräuter

Every garden should contain a few herbs for culinary or medical purposes. The chief point is to harvest them properly, which should be done on a dry day, when not quite in full bloom; then dry quickly and pack closely, and entirely exclude from the air. Sow early in the spring in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

	Pkt.	Oz.
Anise.....	5	10
Balm.....	5	35
Basil, Sweet, Large-leaved.....	5	25
Basil, Sweet, Small-leaved.....	5	25
Borage.....	5	15
Caraway.....	5	10
Chervil.....	5	15
Coriander.....	5	10
Dill.....	5	10
Fennel.....	5	15
Lavender.....	5	35
Marjoram, Sweet.....	5	25
Rosemary.....	5	40
Sage.....	5	15
Saffron.....	5	15
Summer Savory.....	5	25
Sorrel, Broad-leaved.....	5	25
Sweet Thyme.....	5	25
Tarragon or Estragon.....	10	

Miscellaneous Seeds.

Chicory. Chicorientwurzeln.

LONG ROOTED OR COFFEE. Sown in drills, the roots become well developed. When they are dried, roasted or ground, they become the Chicory of commerce, and are used in adulterating coffee Pkt., 5c; oz., 15c.

Dandelion. Löwen-Zahn.

Cultivated for spring greens and for salad Sow in May or June, in drills half an inch deep and twelve inches apart

LARGE THICK-LEAVED. Cultivated. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

Wild Rice.

An annual, which sows itself in the fall, about the middle of September and lies dormant all winter; in spring it commences to sprout as the water gets warm, reaching the surface during the first half of June. It grows very rapidly in one to eight feet of water. Lb., 25c; 10 lbs., \$2.00.

Rhubarb. Rhubarber.

PIE PLANT OR WINE PLANT. Cultivated for its leaf stalks, which are used for tarts and pies, also as a sauce. It is very wholesome and should be grown in every garden.

MYATT'S VICTORIA. Very large and finest cooking variety. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.50.

Miscellaneous Roots.

Express and Freight Charges Always to be paid by the Purchaser.

Asparagus Roots.

COLUMBIAN WHITE MAMMOTH. Strong two-year-old roots. Per 100, 75c; per 1,000, \$6.50.

PALMETTO. Strong two-year-old roots. Per 100, 75c; per 1,000, \$6.50.

HOW TO MAKE AN ASPARAGUS BED.

Mark out rows for field culture six feet apart with a two-horse plow, going twice in a row, getting row as deep as possible without getting in the yellow soil, spread in row good well-rotted manure or fertilizer, drop on manure about ten inches apart (eye up) good two-year-old roots, cover with a hoe about two inches. In about two or three weeks the Asparagus will be up enough to cultivate; work same as any other field crop, gradually working in soil as season advances, naturally it will work itself in; the following spring, plow off with a one-horse plow very shallow so as to not cut the crowns, and work same as previous season; the next season your bed will be ready for cutting for market, simply plow to, same as season before, then turn in with a two horse plow and rake off the top and your bed is completed, and you can cut every day, till July 4th—a bed made this way will last for twenty years. For a garden, follow same plan; but as the gardens are generally very rich, you can plant much closer, and work by hand, instead with horse and plow. Plant March, April or May.

Jerusalem Artichokes.

Per peck, 50c; per bu., \$1.50.

This variety is grown for its tubers, which somewhat resemble the potato in appearance, but are different in flavor. It is used as a vegetable and for feeding cows, sheep and hogs. It is a productive and profitable food. Plant in rows four feet apart and cultivate the same as potatoes.

Horse Radish Roots.

Per 100, 75c; Per 1,000, \$6.00.

The best Horse Radish is produced from small pieces of roots 6 or 8 inches in length. These small roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy, and may be left in the ground until spring before digging.

Rhubarb

Each, 15; Per dozen, \$1.50.

These may be planted early in the spring or in fall, setting the roots three feet apart each way. It requires but little labor to plant, and when once planted in good rich soil it will remain in bearing condition many years.

Chives.

Chives are perfectly hardy perennial members of the onion tribe, and are grown exclusively for their tops which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil, they will grow readily and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season as needed. Roots, per bunch, 25c; postpaid.

Peanuts.

The Peanut thrives and produces best on a light, sandy, tolerably fertile soil, with a good clay sub-soil. April is a suitable time to plant. They will produce from twenty-five to seventy five bushels per acre, according to the soil and culture, and are as easily cultivated as corn. We can supply either the white or red variety—white is generally preferred. Lb., 15c; 1b by mail add 10c per pound.

How to make a Hot-Bed.

In order to secure an early supply of vegetables, a hot-bed frame is indispensable. It can be constructed by any man, at a very small cost. It consists of a wooden frame, generally six feet wide and from six to sixteen feet long, according to the supply of early vegetables required; one side to be at least six inches higher than the other; the frame to be subdivided by cross-bars, and each division covered by a glazed sash. After completion, place it on the manure bed, prepared in the following manner: The frame should face the south or southeast; fill in about ten inches of rich pulverized soil, and allow it to stand a few days, giving it air by slightly raising the sash, so that the fiery vapor of steam may escape. The Seeds of Cabbage, Cauliflower, Egg Plant, Pepper, Tomato, and many other varieties, may be sown and the plants planted out as soon as the frosty weather is over.

PREPARING MANURE FOR HOT-BEDS. Fresh stable manure only, not exceeding six weeks old, is suitable for this purpose. Turn it over into a compact heap, protected from heavy rain or snow; allow it to remain so for about eight days, when it should be made up into the requisite form to suit the frame. Where the ground is quite dry, a very good method is to dig a space about eighteen inches deep and put the manure therein; tramp it firmly and evenly; place thereon the frame and sash; put in the rich earth, and in about four days sow the seed, having previously stirred the earth freely, to destroy any seeds or weeds therein.

**Quantity of Seed Required to Produce a Given Number of Plants or
Sow a Certain Quantity of Ground,**

Artichoke.....	1 oz. to 500 plants ?
Asparagus.....	1 oz. to 60 ft. of drill, or 500 plants
Beans, Dwarf.....	1 pint to 50 ft. of drill
Beans, Tall.....	1 pint, to 75 hills
Beet.....	1 oz. to 50 ft. of drill
Broccoli.....	1 oz. 2,000 plants
Brussels Sprouts.....	1 oz. to 2,000 plants
Cabbage.....	1 oz. 2,500 plants
Carrot.....	1 oz. to 200 feet of drill
Cauliflower.....	1 oz. to 2,500 plants
Celery.....	1 oz. to 4,000 plants
Chicory.....	1 oz. to 100 feet of drill
Corn.....	1 quart to 150 hills
Cress.....	1 oz. to 100 feet of drill
Cucumber.....	1 oz. to 75 hills
Egg Plant.....	1 oz. to 1,500 plants
Endive.....	1 oz. to 200 feet of drill, or 3,000 plants
Kale.....	1 oz. to 2,000 plants
Kohl Rabi.....	1 oz. to 2,000 plants

Leek.....	1 oz. to 200 ft. of drill
Lettuce.....	1 oz. to 3,000 plants
Melon, Water.....	1 oz. to 30 hills
Melon, Musk.....	1 oz. to 75 hills
Okra.....	1 oz. to 50 ft. of drill
Onion Seed.....	1 oz. to 150 ft. of drill
Onion Sets.....	1 qt. to 20 ft. of drill
Parsnip.....	1 oz. to 125 ft. of drill
Parsley.....	1 oz. to 200 ft. of drill
Peas.....	1 qt. to 50 feet of drill
Pepper.....	1 oz. to 1,500 plants
Pumpkin.....	1 oz. to 40 hills
Radish.....	1 oz. to 100 ft. of drill
Salsify.....	1 oz. to 60 ft. of drill
Sage.....	1 oz. to 200 ft. of drill
Spinach.....	1 oz. to 100 ft. of drill
Squash, Early.....	1 oz. to 50 hills
Squash, Winter.....	1 oz. to 15 hills
Tomato.....	1 oz. to 1,500 plants
Tobacco.....	1 oz. to 10,000 plants
Turnips.....	1 oz. to 100 ft. of drill

Bird Seeds.

Prices for larger lots on application

If by mail add 10 cents per pound.

	1b	3lb
Mixed.....	10	25
Clear Canary.....	10	25
Canary and Rape.....	10	25
Clear Rape.....	10	25
Hemp.....	10	25

SUNFLOWER SEED.

For Parrots and Chickens.

1 lb.....	10c
3 lbs.....	25c
McALLISTERS MOCKING BIRD FOOD.	
Bottle.....	25c
Cuttlefish Bone per oz 5c; 1b.....	60c

... SCHISLER-CORNELI SEED COMPANY'S ...



Our **Flower Seed List** has been carefully made up, and we believe there is nothing in this list but what is worthy of consideration, and, if reasonably well cared for, will give satisfaction.

We have secured our Flower Seeds from the best and most noted flower seed growers in this country and Europe, and we know they are of the very best quality, pure, true to name and fresh.

On all orders for *Flower Seeds in packets*, accompanied by the money, purchasers may select *twenty-five cents' worth extra for each dollar sent*. Thus, any one sending us *one dollar* may select seeds in *packets* amounting to *one dollar and twenty-five cents*. For *two dollars*, seed in *packets* amounting to *two dollars and fifty cents*, for *three dollars*, *three dollars and seventy-five cents*, and so on.

N. B.—The above offer *does not* include seeds in *collections*, or seeds *by weight*, or *bulbs*, or *plants*, or *anything but only seeds in packets*.

All Flower Seeds mailed free on receipt of prices quoted. We do not sell half packets. Our Flower Seeds are put up in neat Chromo-lithographed bags, showing color of Flower and mode of cultivation.

Collections of Select Flower Seeds.

Annuals, 12 different varieties (our selection). One packet each..... 40c

Annuals and Biennials, 25 different varieties (our selection). One packet each, 75c

Climbing Plants, 8 different varieties (our selection). One packet each 30c

Sweet Peas, containing 8 of the most beautiful varieties and colors. One pkt. each, 30c

Abronia.

Charming trailer, with Verbena-like heads of sweet-scented flowers, blooming the whole season. Effective in beds, borders, rock-work and hanging baskets. Half-hardy annual.

1. **Umbellata**. Rosy lilac, white eye; 6 inches. Pkt., 5c.

Ageratum.

Valuable plants for large bed or borders, and very useful where cut flowers are in demand; in bloom the whole summer. Indispensable for bouquets. Hardy annual.

3. **Fine Mixed**, 18 inches, Pkt., 5c.

Amaranthus.

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equaled by any similar class of plants. Half hardy annuals.

4. **Caudatus**. (Love Lies Bleeding.) Dark, drooping flower spikes; 2 feet. Pkt., 5c.

5. **Tricolor**. (Joseph's Coat.) Leaves red, yellow and green; 3 feet. Pkt., 5c.

6. **Best Varieties**. Mixed. Pkt., 5c.

Asters.

Splendid class of plants. One of the most popular and effective of our garden favorites. Of no variety has there been such rapid strides toward improvements within the past few years as with the Asters. Always reliable, with the greatest profusion of rich colors, and easy to cultivate. Half-hardy annuals.

8. **GERMAN GLOBE-FLOWERED, DOUBLE.** Very handsome, double, and remarkable for their globular flowers. 18 inches. Mixed colors. Pkt., 5c.

9. **DWARF CHRYSANTHEMUM-FLOWERED, DOUBLE.** Plants only 10 to 12 inches high, producing fine, large, double flowers, resembling Chrysanthemums, and valuable on account of profuse flowering, when all other Asters are out of bloom. Fine mixed colors. Pkt., 5c.

10. **DWARF CHRYSANTHEMUM-FLOWERED, DOUBLE.** A collection of 8 separate, distinct colors. Pkt., 50c.

11. **CROWN-FLOWERED, OR COCARDEAU.** The flowers have large, white centers, usually bordered with blue, crimson, carmine and scarlet, producing a striking and beautiful effect. 18 inches. Double mixed. Pkt. 5c.

12. **TRUFFAUT'S PAEONY-FLOWERED DOUBLE PERFECTION.** This class represents the greatest perfection of the Aster family, which for form of flowers, variety and brilliancy of colors, and habit of growth, is universally admitted to surpass all others 18 inches. Choice double mixed. Pkt., 5c.

13. **TRUFFAUT'S PAEONY-FLOWERED DOUBLE PERFECTION.** A collection of 8 separate, distinct colors. Pkt., 50c.

14. **DWARF PYRAMIDAL BOUQUET.** A most charming class, of compact habit, only 6 to 8 inches high. Pkt., 5c.

15. **VICK'S WHITE BRANCHING.** The flowers are pure white, four inches and more in diameter, and borne on long stems. Pkt., 10c.

16. **ASTER DAYBREAK** pink. Pkt. 5c.

17. **ASTER QUEEN OF THE MARKET.** Pkt., 5c.

Balsams.

(Lady's Slipper, or Touch-Me-Not.)

An old favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in great profusion; of easy culture; succeeds in good, rich soil; tender annuals; 2 feet.

18. **DOUBLE.** Finest varieties and colors, mixed. Pkt., 5c.

19. **DOUBLE CAMELIA AND ROSE-FLOWERED.** An excellent strain of choice, large-flowering, double balsams, remarkable for bright and effective colors, embracing varied varieties. Choice mixed. Pkt., 10c.

21. **DOUBLE WHITE PERFECTION.** This is a fine strain of Double White Balsam. Continue a long time in bloom. Pkt., 10c.

Brachycome.

(Swan River Daisy.)

Beautiful free-flowering plant, covered the whole summer with a profusion of pretty Cineraria-like flowers; very effective in edgings, beds or pot culture, succeeding in any good, rich, soil. Hardy annuals; 1 foot.

27. **FINE MIXED.** Blue and white. Pkt., 5c.

Cacalia.

TASSEL FLOWER. Pretty tassel-like flowers in profusion, borne on long, slender stems. Hardy annuals; 18 inches.

30. **FINE MIXED.** Pkt., 5c.

Calendula.

POT MARIGOLD. Showy, free-flowering, hardy annuals, growing in any garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

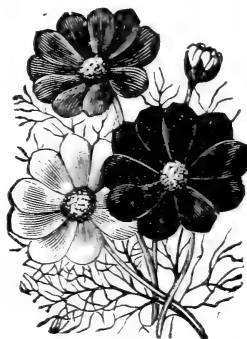
32. **DOUBLE VARIETIES.** Very showy double flowers, all colors mixed. Pkt., 5c.



Aster, No. 12.



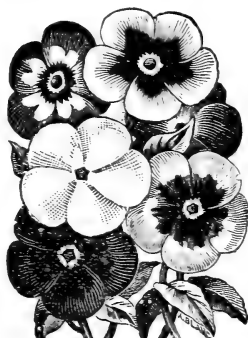
Sweet Alyssum, No. 313.



Cosmos, No. 70.



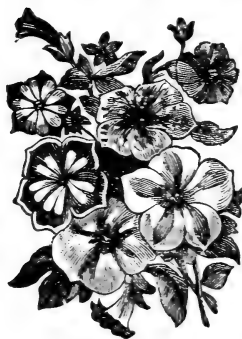
Nasturtium, No. 160.



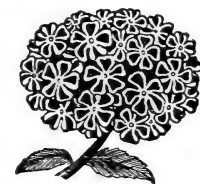
Drummond's Phlox, No. 262.



Chinese Pink, No. 254.



Petunia, No. 249.



Verbena, No. 319.



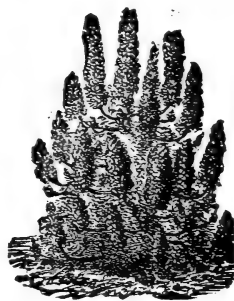
Four O'Clock, No. 103.



Cockscomb, No. 56.



Portulacca, No. 267.



Larkspur, No. 136.

Calliopsis, or Coreopsis.

One of the most showy, free-flowering of hardy annuals; its graceful and showy flowers, embracing nearly every shade of yellow, orange or rich brown, verging to crimson, and borne on slender stems, are particularly well adapted for bouquets. One to three feet high.

33. **DWARF VARIETIES.** All colors mixed. Pkt., 5c.

34. **TALL VARIETIES.** All colors mixed. Pkt., 5c.

Callirhoe.

A very pretty hardy annual, growing from two to three feet high. It commences to flower when very small, and continues a mass of bloom all summer.

35. **PEDATA.** Rich, violet purple, white eye. Pkt., 5c.

Campanula, or Venus' Looking-Glass.

A free-blooming, hardy annual; succeeds well in rich soil, and is of easiest cultivation. One foot.

36. **SPECULUM.** All colors mixed. Pkt., 5c.

Canterbury Bells.

Popular and beautiful hardy perennials, bearing a great profusion of attractive flowers. Sow early in March in seed-bed, and afterward transplant to one and a half feet apart. Flower the first season.

38. **CANTERBURY BELLS.** All classes and varieties, single and double, extra. mixed. Pkt., 5c.

Candytuft.

IBERIS. One of the most useful border hardy annuals, very effective in beds, groups, ribbons, etc; also very useful in pot culture during winter; indispensable for bouquets.

40. **FINE MIXED.** All colors. Pkt., 5c.

41. **PURE WHITE.** Fragrant. Pkt., 5c.

Canna

INDIAN SHOT. The Cannas are a very stately species of plants, highly ornamental, producing a very rich and oriental effect by their large, broad and massive foliage, and crimson, scarlet or orange flowers. Cut away some of the hard cuticle around the seed, then soak twelve hours in hot water, before planting in a hot-bed or box in the house. Tender perennials.

43. **FINEST VARIETIES.** Mixed. Pkt., 5c.

44. **CROSY'S LARGE-FLOWERING DWARF, FRENCH.** Choicest mixed. Pkt., 10c.

Carnation

46. **DOUBLE EXTRA CHOICE MIXED.** Seed saved from a choice collection of double flowers. Pkt., 10c.

47. **CARNATION, MARGUERITE.** Flowers four months after sowing the seed, its profusion of bloom, variety of beautiful colors and delicious perfume, insure its popularity in all gardens where cut flowers are in demand. Price per pkt., 10c.

48. **CARNATION DOUBLE PICOTEE.** The very finest carnation grown. Large flowers on long stems. - Mixed colors. Pkt. 15c.

Chrysanthemum

A handsome plant, with striking and brilliant flowers in endless variety, blooming till late in Autumn, when it is in its full glory, producing double and single flowers of various shades; very attractive for bouquets and vases. Sometimes called "Painted Daises." Hardy annuals; 18 inches.

51. **FINEST MIXED, SINGLE AND DOUBLE.** Many colors. Pkt., 5c.

53. **INDICUM FLORE PLENO.** The well known fall Chrysanthemum. Chinese and Japanese, large-flowering, double varieties. Finest mixed. Pkt., 15c.

Clarkia

A favorite plant, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; seed sown in autumn will give early spring flowers. Hardy annual; 18 inches.

55. **FINE MIXED.** Double and single. Pkt., 5c.

Cockscomb, or Celosia.

Free-blooming, graceful plants, growing best in rather light soil, not too rich; produce spikes of beautiful, feathery and comb-shaped flowers. Half-hardy annuals.

56. **CRISTATA NANA, MIXED.** A choice mixture of the newest dwarf crested varieties, embracing the most brilliant colors. One foot. Pkt 5c.

57. **CRISTATA, GLASGOW PRIZE.** A splendid distinct dwarf variety, with dark foliage and crimson combs. One foot. Pkt., 10c.

58. **PYRAMIDALIS PLUMOSA, MIXED.** Feathery spikes; violet, gold and crimson; very fine. Three feet. Pkt., 5c.

Corn Flower.

CENTAUREA. Free-flowering, hardy annual, well known and popular; very valuable for cut flowers; two feet.

60. **CYANUS.** All colors mixed. Pkt., 5c.

61. **CYANUS FLORE PLENO.** A double variety. Packet, 10c.

62. **CENTAUREA, KAISER WILHELM.** Blue. Packet, 5c.

63. **CENTAUREA, GYMNOCARPA.** 10c.

Columbine.

AQUILEGIA. A free-flowering, hardy plant. Flowers in the greatest profusion, early in the spring, and growing with such ease and freedom, they ought to be grown by all. Hardy perennial; two feet

64. **FINEST MIXED.** All colors. Pkt., 5c.

Coleus.

Highly ornamental plants, in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens for pots and vases. Half-hardy perennial; one to two feet.

65. **FINEST VARIETIES MIXED.** Pkt., 10c

Convolvulus Minor

DWARF MORNING GLORY. Rich-colored, handsome, dwarf, trailing plant, producing in beds and mixed borders an unusually brilliant effect; hardy annual; one foot.

69. **TRICOLOR MINOR.** All colors mixed. Pkt., 5c.

Cosmos.

An Autumn-blooming plant, growing four or five feet high, and bears beautiful flowers in loose clusters, which wave to and fro when disturbed by a passing wind. The blooms are the various shades of pink, lilac, light purple, white; are excellent for cutting and bouquets. Half-hardy annual.

70. **HYBRIDUS.** Fine mixed. Pkt., 5c.

71. **COSMOS.** Pure White. Pkt.....5c.

71a. **COSMOS. KLONDYKE.** Large brilliant orange flowers. Packet.....5c.

Double Daisy.

BELLIS PERENNIS. Everyone knows the Daisy. Give it a cool, partially shaded place. Sow seed very early. The flowers are abundant in early spring. Plants can be removed safely even when in flower, Plant about six inches apart.

76. **EXTRA CHOICE.** Double mixed. Pkt., 10c

77. **SHASTA.** Flowers triple the size of the ordinary Daisy. Mixed colors. Packet, 10c.

Dahlia.

This well-known flower succeeds admirably from seed if started early in hot-bed or the house and produces different colors and kinds. It is in this way that new sorts are originated. Tender perennial.

78. **CHOICE DOUBLE MIXED.** Pkt., 10c.

79. **SINGLE VARIETIES.** From their grace and beauty are much used for cut flowers; that bloom from August until frost. Two to four feet. Fine mixed. Pkt., 10c.

Datura.

TRUMPET FLOWER. The plant is of robust habit and grows to a good-sized shrub the first season. The flowers are trumpet-shaped, half-double. Very ornamental and showy. Half-hardy biennial. Four feet.

81. **HUBERIANA.** Double and mixed Pkt., 5c.

81a. **DATURA CORNUCOPIA.** Horn of Plenty Fragrant. Packet, 5c.

Eschscholtzia.

CALIFORNIA POPPY. Free-flowering, handsome, hardy annual, with bright, showy flowers, blooming freely all summer. Excellent for beds, borders or rockwork; one foot

84. **FINE MIXED.** Pkt., 5c.

Evening Primrose.

OENOTHERA. Charming, hardy annuals, with large, showy flowers; old favorites in the flower garden. The flowers open in the evening.

87. **DIFFERENT VARIETIES, MIXED.** Pkt., 5c.

Helichrysum.

Straw Flower.

Bright and attractive summer blooming annuals of free growth, and producing in abundance large double red, white and yellow flowers, valuable as an "Everlasting."

92. **MONSTROSUM LARGE FLOWERING, DOUBLE MIXED.** Per pkt. 5c.

Globe Amaranth.

93. **BACHELOR'S BUTTONS.** These are annuals, forming bushy plants about two feet high and bearing a great many flowers of purple, white, striped, etc. Quite ornamental as summer blooming plants, and very desirable "Everlastings." Pkt., 5c.

Mixed Ornamental Grasses.

Our own mixture of seed; all the best annual varieties. A single packet will supply in abundance a great variety of the most attractive annual ornamental grasses.

97. **EXTRA MIXTURE.** Pkt., 5c.

Feverfew.

101. **EXIMA** fl. pl. (Double White Feverfew.) Handsome, double, white flowers and densely curled foliage. Pkt., 5c.

Four O'clock.

MARVEL OF PERU. Well-known hardy biennials. The flowers—red, white, yellow, and variegated—grow in clusters on the summit of the stem. They are exceedingly fragrant, expanding in the evening and withering in the morning. The roots may be preserved through the winter like Dahlias.

103. **ALL COLORS, MIXED.** Pkt., 5c.

Forget-Me-Not.

MYOSOTIS. Popular and charming little plant, bearing delicate and blue flowers, which are highly prized for their modest beauty. Sow in April, choosing a moist and shady situation. Hardy biennial.

105. **ALPESTRIS, MIXED.** Pkt., 5c.

Foxglove.

DIGITALIS. A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

107. All colors, mixed. Pkt., 5c.

Gaillardia.

BLANKET FLOWER. One of the most brilliant and dazzling of our garden flowers. Most suitable for bedding, producing large flowers in great abundance throughout the entire summer. Hardy annual; 18 inches.

111. **PICTA.** Fine mixed. Pkt. 5c.

Geranium.

Well-known favorites, used extensively for bedding in masses, ribbons, etc. When sown early, geraniums will bloom the first year from seed; 1 to 2 feet. Half-hardy perennial.

114. **ZONALE.** Fine varieties, Mixed Pkt., 10c.

Gilia.

Pretty dwarf plants, flowering early and continuing in bloom all summer. Sow end of March in open ground, and thin out to six inches apart. Hardy annual.

116. **TRICOLOR.** Mixed colors. Pkt., 5c.

Godetia.

Beautiful, hardy annuals, of easy cultivation in any good garden soil. Their profuseness of bloom and delicate tints of color have long rendered them universal favorites. Fine for beds, mixed borders and ribbons; 1 foot.

120. **FINE MIXED.** Choice mixed. Pkt., 5c.

Gypsophylla.

Pretty free-flowering, hardy annual; small starry flower; fine for bouquets.

122. **ELEGANS.** Purple and white. Pkt., 5c.

Hollyhocks.

This splendid plant, from its splendid growth, and the varied colors from its magnificent, large spikes of flowers, may justly claim a place in every large garden or pleasure ground. Seed sown in June and July will flower the following summer. Hardy perennial.

126. **CHOICE DOUBLE VARIETIES, MIXED.** Pkt., 10c.

Honeysuckle. (French.)

HEDYSARUM. Well-known hardy perennial, blooming freely the first year from seed.

130. **FINE MIXED.** White and red. Pkt., 5c.

132. **JOB'S TEARS.** Having corn-like leaves and hard, glossy gray colored seeds; used for beads. Pkt., 5c; oz., 20c.

134. **ICE PLANT.** (*Mesembryanthemum crystallinum*). Trailing plant of dwarf habit, suitable for rockwork. The leaves are covered with crystal-like icy globules. H. H. A. Pkt., 5c.

Larkspur.

Plants of great beauty, richness and endless variety of colors, with great duration and profusion of bloom, and when planted in beds masses of ribbons are strikingly effective. Hardy annuals.

136. **DOUBLE DWARF.** Mixed colors. Pkt., 5c.

137. **TALL DOUBLE.** Colors mixed. Pkt., 5c.

Lobelia.

A very beautiful class of dwarf-growing plants. Their charming little flowers render them exceedingly fine for vases, baskets, bedding or edges. Hardy annuals.

140. **FINE MIXED.** Mixed. Pkt., 5c.

141. **COMPACTA, CRYSTAL PALACE.** Blue; the best bedding variety. Pkt., 5c.

Marigold.

A well-known free-flowering plant of easy culture, with rich and beautiful double various colored flowers. Half-hardy annuals.

145. **AFRICAN, TALL DOUBLE.** Mixed colors. Pkt., 5c.

146. **DWARF FRENCH DOUBLE.** Mixed colors. Pkt., 5c.

147. **LEGION OF HONOR.** Single dwarf yellow and brown. Pkt., 5c

Mourning Bride.

SCABIOSA. Producing a great profusion double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc., hardy annual.

154. All colors, mixed. Pkt., 5c.



Mignonette, No. 150.



Pansy, No. 241.



Double Daisy, No. 78.



Snapdragon, No. 297.



Marigold, No. 146.



Ten-Week Stocks, No. 301.



Zinnia, No. 331.



Sage, No. 290.



Globe Amaranth, No. 93.



Elchrysium, No. 92.



Sweet William, No. 316.



Poppy, No. 270.

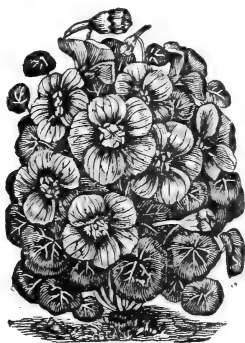
Mignonette.

RESEDA. Well-known fragrant favorites. If the plants are thinned out they will grow stronger and produce larger spikes of flowers, fine for pot or garden culture, and can be had during the whole year by sowing at intervals. Hardy annuals.

150. Large flowering. Pkt., 5c.

151. **MACHET.** Well adapted for pot culture; dwarf pyramidal growth, one of the best. Pkt., 5c.

152. **GOLDEN QUEEN.** Of dense pyramidal growth. Pkt., 5c.



Nasturtium Dwarf.

They are among the most useful for bedding, massing or ribboning; they are of compact growth, profusely covered with their extremely rich and brilliant flowers of all colors, blooming in succession all through the season; they should be grown in rather poor soil. Half-hardy annual.

160. **ALL COLORS MIXED.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ -lb., 25c.

Nigella.

LOVE IN A MIST, OR DEVIL IN THE BUSH. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil. Hardy annual; 1 foot.

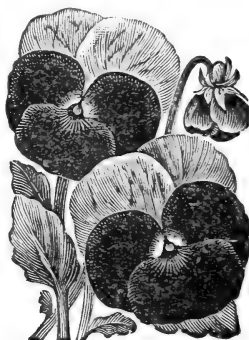
166. Blue and white mixed. Pkt., 5c.

Pansy.

HEARTSEASE. The pansy is the most popular of all flowers grown from seed. It is everywhere popular, both for the brilliant beauty of its flowers and the long continuation of bloom. Pansies delight in a cool, moist situation, partially protected from the hot noonday sun; in exposed positions in hot summer weather the flowers will be smaller. Hardy biennials.

240. **FINE MIXED.** Fine varieties and colors mixed. Pkt., 5c.

241. **GERMAN LARGE FLOWERING, EXTRA CHOICE.** Mixed; saved from a fine collection; flowers very large, perfect, in form, and marking of the richest and most beautiful colors. Pkt., 10c.



242. **TRIMARDEAU, OR GIANT.** Remarkable for the extra large size of the flowers which are carried well above the foliage. Most of the flowers are marked with three large blotches or spots. Pkt., 15c.

Petunia.

Favorite plants, succeeding well in any rich soil. For the brilliancy and variety of their colors, abundance of flowers, and the long duration of their blooming period. Half hardy biennials.

248. **FINE MIXED.** All colors. Pkt., 5c.

249. **LARGE FLOWERING FRINGED.** Splendid mixture of large flowering sorts, striped and spotted. Pkt., 10c.

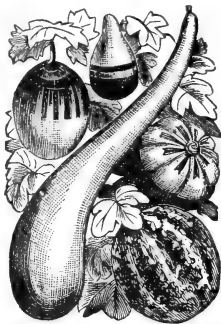
250. **DOUBLE LARGE FLOWERING.** Beautiful varieties saved from a prize collection in finest mixture. Pkt., 25c.

ORNAMENTAL CLIMBERS.

The Climbers are rapidly increasing in popularity. The strong-growing varieties are well adapted to covering arbors, verandas, fences, buildings, etc., and will produce both beauty and shade. Those of finer growth are particularly adapted to hanging-baskets, vases, and similar purposes. It is absolutely necessary that the proper support be furnished in due time to climb upon, for if the plants are once neglected it will be almost impossible to make them assume good habits.



Balsam Apple, No. 172.



Mixed Gourds, No. 196.



Morning Glory, No. 200.



Sweet Peas, No. 216.

Balloon Vine.

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half-hardy annual; 5 feet.

170. **Balloon Vine** (*Cardiospermum*). Pkt., 5c.

Balsam Apple.

Momordica. Very curious climbing vines, with ornamental foliage; fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for trellises, rockwork, stumps, etc.; half-hardy annuals; 10 feet.

172. **Momordica Balsamina.** Cucumber-shaped fruit. Pkt., 5c.

Canary Bird Flower.

A popular climber; so called from its resemblance to a canary bird with its wings expanded; admirable for baskets, vases, etc. Blooms all summer. Half-hardy annual.

175. **Tropæolum Perigrinum**; 15 feet. Pkt., 5c.

Cobaea.

A climber of rapid growth, flowering the first season, if sown early in the house or hot-bed.

176. **Cobæa Scandens.** Large, bell-shaped, purple flowers. Pkt., 5c.

Cypress Vine.

One of our most popular climbing vines, with very delicate fern-like foliage, and

masses of beautiful, small, star-shaped flowers. Sow in April and May. Tender annuals; 12 feet.

178. **CYPRESS VINE.** Red or Crimson. Pkt., 5c.

179. **CYPRESS VINE.** White. Pkt., 5c.

180. **CYPRESS VINE.** Red and white, mixed. Pkt., 5c.

Aristolochia.

171. **DUTCHMAN'S PIPE.** A hardy vine of rapid growth, with large heart-shaped leaves; resembles a miniature pipe. Pkt., 5c.

Gourds, Ornamental.

A class of plants of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms; very desirable for covering old trees, walls, fences, arbors, etc.; or they may be treated the same as squashes. Tender annuals.

182. **NEST EGG.** Pkt., 5c.

184. **GOURD, BOTTLE-SHAPED.** Pkt., 5c.

185. **DIPPER.** Pkt., 5c.

186. **HERCULES' CLUB.** A curious sort. Pkt., 5c.

187. **ORANGE.** Fruit resembles an orange. Pkt., 5c.

188. **POWDERHORN.** Pkt., 5c.

190. **DISH RAG, or DISH CLOTH.** Pkt., 5c.

191. **SUGARTHROUGH.** Pkt., 5c.

196. **MIXTURE OF SMALL FRUITED SORTS.** Pkt., 5c.

Wild Cucumber.

183. A very rapid growing climber which reaches a height of 30 feet in one season. It is covered with beautiful clusters of white scented flowers. Pkt., 5c.

Hop-Variegated Japanese.

197. The leaves are beautifully and distinctly marked with silver-white, yellowish white, and light and dark green. It retains its fresh and bright variegated foliage until late in the autumn; 20 feet. Pkt., 5c.

Hyacinth Bean.

198. A rapid-growing plant, flowering freely in clusters; for covering arbors, trellises, etc. Tender annuals. Pkt., 5c.

Morning Glory.

An old favorite; brilliant and various colored flowers, growing freely in almost any situation. Hardy annuals; 15 feet.

200. **FINE MIXED.** All colors. Pkt., 5c.

202. **JAPANESE GIANT.** Making a growth of 20 to 30 feet, with large flowers, in all shades from white to deepest red, blue and purple. The foliage is nearly as striking as the flowers. Pkt., 5c.

Moon Flower.

EVENING GLORY. A beautiful, rapid climber, having large white flowers from four to six inches in diameter, which open in the evening. Plant seeds in pots, and start in the house and transplant when the weather is warm.

201. **MOON FLOWER.** Large white. Pkt., 5c.

Tall Nasturtium.

Are among the easiest grown and prettiest of climbers. They bear hot, dry weather very well and thrive on poor soil. Free bloomers, 10 feet. Hardy annuals.

205. **FINEST MIXED.** Pkt., 5c.

Sweet Peas.

Sow early in spring, in a trench about 3 to 4 inches deep and draw the earth around the young plants until they are about 4 inches high. Care must be taken not to smother the leaves when earthing up. Plant in a sunny situation in good, rich soil, and give plenty of moisture.

215. **ECKFORD'S LARGE FLOWER-ING, MIXED.** A splendid mixture of this celebrated strain. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

216. **FINE MIXED SWEET PEAS.** Extra select mixture. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

217. **A COLLECTION OF SWEET PEAS** 8 choicest varieties. Pkt., 30c.

Named Varieties.

Blanche Burpee, pure white.

Emily Henderson, large clear white.

Oriental Primrose, shaded yellow.

Katherine Tracy, soft brilliant pink.

Mrs. Sanky, shell pink, shaded white.

Lady Penzance, rose pink, tinted with orange.

Blanche Ferry, bright pink, white wings.

Prince of Wales, large flowers, brilliant red.

Dorothy Eckford, white.

Hon. Mrs. Kenyon, large primrose.

King Edward VII, bright red.

Lady Grisel Hamilton, lavender.

Miss Willmott, large orange pink.

Navy Blue, indigo blue and violet.

Othello, deep maroon.

Prima Donna, pink.

Boreatton, satin like maroon, very rich.

Butterfly, violet and lavender.

Indigo Blue, purple maroon.

Aurora Orange, salmon over white.

Firefly, very bright crimson scarlet.

The Bride, a large pure white variety.

Stella Morse, yellow and pink.

Countess of Radnor, lavender.

Price, oz., 10c; ¼lb., 20c; lb., 65c.

Thunbergia.

A rapid-growing climber, growing 4 to 6 feet high. Half-hardy annuals.

235. **Fine mixed.** Pkt., 5c.

Pinks.

Dianthus, Chinensis, Flore Pleno.

CHINESE. The China Pinks are deservedly very popular, as but few flowers can equal them in beauty and profusion of bloom. They comprise many distinct and most beautiful marked varieties of rich and varied colors. They live over winter. They are alike ornamental in the garden or for bouquets. The plants grow generally 10 to 15 inches high, and are of the easiest cultivation. Hardy biennials.

254. **DIANTHUS CHINENSIS.** Finest double, mixed. Pkt., 5c.

255. **HEDEWIGGI, fl. pl.** Finest, double mixed. Extra choice. Pkt., 5c.

256. **DIADEMATUS, fl. pl.** Marked like the very double, large flowers, magnificent in color and variety. Choice mixed. Pkt., 5c.

257. **JAPANESE ORIENTAL BEAUTIES.** A magnificent strain of new large flowering *Dianthus*. Pkt., 10c.

Pheasant Eye Pink.

The well-known garden pink. The flowers are deeply fringed or feathered, white or pink with dark eye. Hardy perennial.

260. **SINGLE.** All colors mixed. Pkt., 5c.

Phlox Drummondii.

These flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequaled richness of color. A finer sight than a bed of *Phlox Drummondii* is rare to be seen. Half-hardy annual.

263. **LARGE FLOWERING.** Extra Choice mixture of brightest color. Pkt., 5c.

264. **CUSPIDATA, STAR - SHAPED.** Splendid mixture. Pkt., 5c.

Portulacca.

ROSE MOSS. For brilliancy and beauty of color, *Portulaccas* are unrivaled. They delight in sunny situations and light soils, where they rapidly carpet the ground, each plant covering a space of about 10 inches in diameter; 6 inches. Half-hardy annuals.

267. **FINEST SINGLE, MIXED.** A great variety of colors. Pkt., 5c.

268. **DOUBLED ROSE - FLOWERED, MIXED.** Unsurpassed for brilliancy of color and great beauty. Pkt., 10c.

Poppy.

PAPAYER. A showy and easily cultivated hardy annual, with large brilliant-colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 2 feet.

270. **POPPY CARNATION, OR PÆ-ONY-FLOWERED.** Very double mixed; all colors. Pkt., 5c.

271. **POPPIES DOUBLE SHIRLEY.** Mixed colors Pkt., 5c.

Pyrethrum.

GOLDEN FEATHER. Handsome herbaceous plants for margins, beds, etc. They are of easy culture and can be sown in house and transplanted, or in open ground in April. Hardy perennial.

281. **GOLDEN GEM.** Valuable as an edging on account of its bright-yellow foliage. Pkt., 5c.

Ricinus.

CASTOR OIL PLANT. Well-known annual, with very ornamental foliage and showy fruit. Fine for center of bed, as it gives a magnificent semi-tropical appearance, or planted thick, they make a fine screen or hedge; 6 to 10 feet.

283. **RICINUS.** Finest varieties, mixed. Pkt., 5c.

Rose of Heaven.

VISCARIA. Handsome, hardy annuals, making a splendid show when massed; large, round, single flowers of white, scarlet, blue, flesh, margined and marked with various colors; 18 inches.

285. **FINE MIXED.** All colors. Pkt., 5c.

Salpiglossis.

Flowers resembling the *Petunia* in shape and size. It is very free flowering and makes a grand show for months. Hardy annual.

287. **FINEST MIXED.** All shades and colors; 18 inches. Pkt., 5c.

Salvia.

FLOWERING SAGE. The most beautiful of all flowers; the brilliant spikes produce for months a dazzling effect. Of easy culture and fine for massing and bouquets. Half-hardy annual. Pkt., 5c.

290. **SPLENDENS.** Bright scarlet, spikes varying from 16 to 24 in. in length. Pkt., 10c.

Sensitive Plant.

MIMOSA. Curious and interesting plant with pinkish-white flowers; the leaves close and droop when touched or shaken. Tender annual.

293. **PUDICA.** 1½ feet. Pkt., 5c.

Snapdragon.

ANTIRRHINUM. One of the most beautiful and useful border plants, blooming profusely the first season from seed until after frost. Half-hardy perennials.

297. **TALL VARIETIES.** 2 feet. Pkt. 5c.

298. **DWARF VARIETIES.** Mixed; $\frac{3}{4}$ foot. Pkt., 5c.

Stocks.

GERMAN TEN WEEKS (GILLIFLOWERS) Unsurpassed for bedding, massing, edging or pot culture, being very free and long bloomers, and of much diversity and brilliancy of color, and richly fragrant, and largely used in summer for bouquets and floral work.

300. Fine mixed. Pkt., 5c.

301. **LARGE FLOWERING DOUBLE.** Mixed Pkt. 5c.

Sunflower.

HELIANTHUS. Old favorites, too well known to need any description. Excellent subjects for distinct effects in shrubbery, etc. Of the easiest culture.

310. Globe-shaped, double yellow; 7 feet. Pkt., 5c.

311. **NANUS.** Dwarf, 4 feet. Pkt., 5c.

Sweet Alyssum.

One of the most elegant and useful little flowers cultivated; blooms continuously through the summer.

313. **PURE WHITE.** Fragrant., Pkt. 5c.

314. **LITTLE GEM OR TOM THUMB.** Pkt., 5c.

Sweet Violets.

An old favorite, much prized for its delightful perfume. The seed germinates very slowly. Hardy perennial.

315. **VIOLA ODORATA.** Mixed. Pkt., 10c.

Sweet William.

Well-known hardy perennial; no garden should be without them; they are free-flowering, in any variety of colors.

316. **CHOICEST COLORS MIXED.** Pkt., 5c.

Verbenas.

One of the most effective bedding plants; unrivaled in the splendor of its dazzling brilliancy of flower. Plants grown from seeds or fragrant, and also thrifty growers and free bloomers. If the flowers are cut as they begin to fade, a mass of bloom can be produced until killed by frost. Half-hardy perennials.

318. All colors mixed. Pkt., 5c.

319. **LARGE - FLOWERING.** Mixed. Pkt., 10c.

Vinca.

PERIWINKLE. A class of very pretty, free-flowering, with shining green foliage and beautiful flowers. Tender perennial; 2 feet.

321. Rose and white mixed. Pkt., 10c.

Wallflower.

Deliciously, fragrant garden plants, blooming early in the spring, with beautiful flowers; are much prized for bouquets. Half-hardy perennials.

323. **FINEST DOUBLE MIXED.** Pkt., 10c.

325. **SINGLE MIXED.** Pkt., 5c.

Zinnias.

DOUBLE. Very handsome fall-flowering plants, of great richness and variety of color. Its splendid double flowers rivaling in beauty, size and form moderate-sized Dahlias. Half-hardy annuals.

330. **DOUBLE CHOICEST COLORS, MIXED.** Pkt., 5c.

331. **NEW GIANT.** Giant in size, and perfectly double flowers of richest, most varied colors and shades; plants grow 2 feet high, blooming freely during long periods; particularly valuable for group. Choicest mixed. Pkt., 10c.

Wild Flower.

A mixture of 50 to 60 annuals and biennials in endless varieties, colors, etc. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

Schisler-Corneli Seed Co.'s Lawn Grass Seed.



This is a choice and carefully selected mixture of fancy grasses, selected especially to make a beautiful and perfect lawn, and, being composed of a great variety of fine natural grasses, is calculated to constantly present throughout the entire season a **beautiful and velvet-like carpet of emerald green**. This effect can only be produced by using certain grasses, and in due proportions. Our S. and C. English Lawn Mixture will give **perfect satisfaction**, and it will not only produce a fine sod and effect under the most favorable situations, but also in shady spots and under trees will give astonishing satisfaction. It may be sowed early in spring and fall, and should be sown at the rate of 30 to 40 pounds to the acre. If sown in the spring, sow as early as possible, making the surface very fine and smooth, then, raking it over, sow the seed. Cover by rolling with a light roller. If sown in the fall, sow before the autumn rains have ceased. One pound of this mixture is sufficient to sow a space of fifteen to twenty square feet. Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$14.00.

LAWN FERTILIZER. This is a convenient lawn dressing, to be applied in spring or fall at the rate of 150 to 200 pounds to the acre, or 10 pounds to 300 square feet. It will produce a luxuriant growth of grass. Ten lbs., 40c; 25 lbs., 75c; 100 lbs., \$2.50.

Summer Flowering Bulbs.

Bulbs are as a rule, as satisfactory as anything in the garden. They are very little trouble, requiring no care after being planted, and produce effects unequalled by any other class of plants. Plant in April, as soon as weather is warm, and take up as soon as the tops have died down in the fall. Store away, in some dry place until next spring.

Cannas.

The King of all Bedding Plants. Producing great masses of large lily-like flowers all summer. They commence to bloom in June and continue until frost. Plants have a green and bronze foliage; are suitable for planting in beds of all possible shapes and sizes. They do best in rich soil, and should be watered well during dry seasons. We have an expert Canna grower who grows only the very best varieties in this country and abroad. Among the excellent collection we offer this season are the Gold Medal Canna Express and the grand bronze leaf Canna King Humbert. Planted when ground is warm. Get your order in early. 15c each; \$1.50 per doz.

Dahlias.

Well-known, autumnal-flowering plants; they bloom during end of August, September and October, and surrender only to the Frost King. Our selections contain all the best varieties, and the roots we offer are fine and healthy.

A collection of 24 different named

varieties, one root each, \$3.00; 12 varieties, one root each, \$1.50; single roots, 15c. each.

PAEONIAS—Herbaceous. Are among the most showy and useful of hardy plants. They are all hardy and admirably adapted to the climate of our most Northern States, growing well in almost any situation or soil. We offer a splendid assortment. 25c each; \$2.50 per doz.

Elephant Ear.

Caladium Esculentum.

The *Caladium Esculentum* is one of the handsomest of the ornamental-leaved plants. Roots obtained in the spring will make good plants in the summer. Leaves three feet or more in length, nearly as broad. There is nothing so good as the *Caladium* for grand bed foliage in the garden.

Extra large roots. Each, 35c; per doz, \$3.50.

Large Roots. Each, 25c; dozen, \$2.50.



Gladiolus.

The most attractive of all summer-flowering bulbs are the Gladioli. Their cultivation is very simple, as they will thrive in any ordinary garden soil. A succession of bloom may be had from July to September by planting at intervals from April to June. Plant six inches apart in beds of double rows and three inches deep.

CHOICEST VARIETIES AND COLORS MIXED. Doz., 25c; 100, \$1.50.

Holland, or Dutch Bulbs

In fall we will have a complete assortment of our own importation, direct from the best sources in Holland, of Hyacinths, Tulips, Crocus, Narcissus, Lilies, Crown-Imperials, Snowdrops, Anemones, etc., all of which should invariably be planted in fall. Price list ready in September.

Tuberose.

The Tuberose is a beautiful, pure white, wax-like, very sweet scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. To have flowers early, plant them in boxes of earth and keep in a warm place in the house; when weather is warm, transplant in the garden. Those who want this beautiful flower in early winter can plant a few bulbs in pots in July or August, sink them to the rim in earth in the garden, where they can remain until the cool nights set in in autumn, then remove to the house.



TALL DOUBLE TUBEROSES. Dozen tubers, 30c; 100, \$2.00.

TUBEROSES, DWARF PEARL. Dozen tubers, 30c; 100, \$2.00.

Madeira Vine Roots.

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing twenty feet or more and twining any desired form. Plant the tuber out of doors in the spring, and it will commence to grow at once. The flowers are white, small, in long racemes. Put in a sunny situation. Lb., 25c.

Moonflower.

A plant that grows and blooms well with every-one. If planted out in rich ground, where it has full exposure to the sun, it will attain a height of 25 feet by the middle of October, blooming abundantly the entire season. The flowers are pure white, from five to six inches in diameter, emitting a rich Jassamine odor at night. They begin to open about sundown, and close before noon the following day. 15c each.

IPOMEA MEXICANA. Strong roots, bearing profusely with purple flowers. 25c each.

SEED OATS

GARTON'S PEDIGREE OATS

These oats made the highest and heaviest yield throughout the country in spite of the unfavorable season; took prizes at various State Fairs and at the National Corn Show.

Owing to the bad season of 1908, ordinary oats are light, of poor quality and lack vitality. The following oats have heavy, plump grain, which means quick germination and vigorous growth. These oats will greatly outyield the ordinary varieties. Their weight of about 50 pounds to the measured bushel goes to show that they have no equal. On account of the large size of the grain of these oats and the heavy weight, there will be less number of grains per bushel than of the ordinary varieties. It will require about 4 bushels of 32 pounds to the acre. We offer the following three varieties:

REGENERATED SWEDISH SELECT OATS

White oats of great yielding power is very important as to its large grain, thin hull, strong straw; ear long, open and branching—a very fine oat for high or rolling land.

Price, per peck, 8 lbs.....	\$ 1.00
Price, per bushel, 32 lbs.....	3.50
4 bushels, enough for one acre.....	12.00

GARTON'S NEW BREED OF BLACK OATS—VICTOR

Without exception one of the earliest oats grown.

The grain is black and exceedingly plump; straw of medium length, strong and more nourishing than the straw of white oats; an excellent feeding oats. These oats are especially valuable as to their wind-resisting qualities. Can be sown earlier than the ordinary oats.

Price, per peck, 8 lbs.....	\$ 1.25
Price, per bushel, 32 lbs.....	4.00
Four bushels, enough for 1 acre.....	14.00

GARTON'S NEW BREED OF WHITE OATS—SENATOR

White side oats, very early and prolific; expressly bred and highly endorsed for **moist, rich** land, having strong, non-lodging straw. We advise from 4 to 5 bushels to be sown per acre.

Price, per peck, 8 lbs.....	\$1.00
Price, per bushel, 32 lbs.....	3.50
Four bushels, per bushel 32 lbs.....	3.00

Larger Quantities, Price on Application.

WINTER TURF OATS

This is a winter variety and should be sown early in fall. It has been tried in nearly all the sections of this country and has given very satisfactory results. They are said to be as hardy as winter wheat and to largely outyield spring oats. New crop ready in August. Prices upon application.

Can also furnish for spring sowing **BLACK SEED OATS, WHITE SEED OATS, TEXAS RUST-PROOF, SEED SPRING WHEAT, SEED BARLEY, WINTER SEED RYE, WINTER SEED WHEAT.**

Prices and Description on Application.

FLAX SEED

Largely grown in this State for seed. Sow one-half to three-fourth bushels to the acre. Can furnish choice re-cleaned. Market price.

SEED POP CORN

WHITE RICE

A very fine white variety, ears 4 to 5 inches in length and $1\frac{1}{4}$ inches in diameter. Kernel pointed. Especially saleable among retail grocers.

Pound, **15c**; 10 pounds, **\$1.00**. If by mail, add **10c** per pound to prepay postage.

Grass and Clover Seed.

We are making Grass and Clover Seed a specialty, and the following is a list of the leading and most valuable grasses and clovers in this latitude. Grass and Clover Seeds are market articles; prices change according to supply and demand, and prices given below are subject to market fluctuation. Will sell 25 pounds at 100 pound rate. Quotations for quantities will be given any time when desired; write for them. Two-bushel bags, 25 cents. If by mail, add 10 cents per pound.

Terms: Cash with order. Freight charges to be paid by the purchaser.



Kentucky Blue.



Orchard.



Red Top.



Timothy.

CANADIAN BLUE GRASS. (*Poa Compressa*), which should be in all mixtures; will do well on dry soils, or even on clay, hard trodden or poor soils. On account of creeping root stalk it forms a splendid turf. For pastures and lawns it has no superior, giving that peculiar, rich shade of bluish-green so much admired in the best lawns; also making a very close velvety turf; 40 pounds of seed are required per acre. Fancy clean. Lb., 15c; 100 lbs., \$9.00.

KENTUCKY BLUE GRASS. (*Poa Pratensis*). Valuable for lawns when mixed with other varieties, retaining its verdure in the hottest weather. Extra heavy cleaned seed; per lb., 20c; per 100 lbs., \$14.

MEADOW FESCUE, OR ENGLISH BLUE GRASS. (*Festuca Pratensis*.) This is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture. Sow 30 to 40 pounds to the acre. Lb., 15c.

ORCHARD GRASS. (*Dactylis Glomerata*.) One of the very best in cultivation. If cut just as it is coming into bloom (as it always should be), a good second crop will follow, and sometimes even a third. Orchard is one of the earliest grasses, yields immense crops, and makes the best of hay; it endures considerable shade, and is much used for sowing in orchards. Lb., 20c; 100 lbs., \$18.00.

ENGLISH PERENNIAL RYE GRASS. (*Lolium Perenne*.) A rapid-growing early grass; much used for sowing with other grasses in meadows, pastures and mowing lands. Valuable for lawns. Sow 40 to 50 pounds to the acre. Lb., 15c; 100 lbs., \$8.00.

ITALIAN RYE GRASS. (*Lolium Italicum*). Esteemed in England. It is valuable for mixing in with other grasses for permanent pastures. It takes 40 to 50 pounds to sow one acre. Lb., 15c; 100 lbs., \$8.00.

RED TOP. (*Agrotis Vulgaris*.) A very valuable permanent grass; grows well upon almost any soil; especially valuable for meadows, pastures and lawns, where permanent grasses are desired. If used alone, sow 30 to 40 pounds per acre. If mixed with timothy for mowing lands, 20 lbs. per acre. First grade fancy clean seed (solid), lb., 20c; 100 lbs., \$17.50.

BERMUDA GRASS (CYNODOM DACTYLON). Particularly adapted to the Southern States, as it stands the hottest and driest season, and is very valuable for stock, being exceedingly nutritious, and for summer pasture is very valuable. Sow three to five pounds per acre on well-prepared land; rolling in is all that is necessary to make a sufficient covering. It is slow to germinate requiring at least thirty days under favorable circumstances. Price, per pound, 75c; ten pounds, \$6.00.

SPECIAL NOTICE. We are in the market at all times for Clover, Timothy, Millet, Hungarian and other Grass and Field Seeds; also Pop Corn, Rye, etc. In offering to us any of the foregoing seeds, mail large samples of what you have to offer, with your address plainly written on each sample, and state quantity you can furnish, and, on receipt of samples and if in need of what you offer, we will name price.

Clover Seed.

RED CLOVER. (*Trifolium Pratense*.) This is by far the most important of all varieties for practical purposes. Sow in the spring or fall, and if no other grasses are used, at the rate of 8 to 10 pounds to the acre; more is required on old, stiff soils than on new and lighter ones. Lb., 20c.

WHITE CLOVER. (*Trifolium Repens*), A small creeping, perennial variety, valuable for pasturage and lawns. It accommodates itself to a variety of soils, but prefers moist ground. Sow in spring, at the rate of 6 pounds per acre; or when used with other grasses, half that amount. Lb., 35c.

ALSIKE, OR SWEDISH CLOVER. (*Trifolium Hybridum*). The most hardy of all perennial clovers. On rich, moist soil it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay; cattle prefer it to any other forage. The heads are globular, fragrant, and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall, at the rate of 8 pounds per acre. Lb., 30c.

CRIMSON TREFOIL, OR SCARLET ITALIAN CLOVER (*Trifolium Incarnatum*) An annual variety in common use in the South for feeding green and for hay. The yield in fodder is immense, and after cutting it at once commences to grow again, continuing until cold, freezing weather. It grows about one foot high; the roots are nearly black; leaves long, blossoms long, pointed and of a very deep red, or carmine color. Makes good hay. It is sown in August or September in the South, but should not be planted in the North until spring. Sow 12 to 15 pounds to the acre. Lb., 10c; 100 lbs., \$7.00.

ALFALFA, OR LUCERNE CLOVER (*Medicago Sativa*). Do not sow this clover on land having a stiff clay or hard-pan sub-soil, as the roots naturally penetrate to a

great depth, and must do so if the plants live any time. Sow in rich, moist loam or sandy soil, having a deep sub-soil. Prepare the land thoroughly and sow the seed at the rate of 20 to 25 pounds per acre, with a broadcaster or grass seeder. Cover with a brush or light harrow. The young plants are quite tender, and the land must be free from weeds until they become established. Lb., 25c; 100 lbs., \$18.00.

TIMOTHY. (*Phleum Pratense*.) This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 15 pounds per acre, if alone, but less if mixed with other grasses. Market price.

GERMAN OR GOLDEN MILLET. Superior to all others. Medium, early, three to five feet high. Sow same as Common Millet. Market price

COMMON MILLET. (*Panicum Milliaecum*.) Sow in drills or broadcast, from May to last of July, 25 to 30 pounds to the acre. Market price.

HUNGARIAN GRASS. (*Panicum Germanicum*.) A valuable forage plant. Sow broadcast at the rate of 20 to 30 pounds to the acre, and cultivate the same as Millet. Market price.

BUCKWHEAT. Should be sown about the middle of June, broadcast, at the rate of from two to three pecks per acre. It should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture.

SILVER HULL. This variety continues in bloom longer is, therefore, better for bees. The flower is whiter and husks thinner. Peck, 50c; bu., \$1.50.

JAPANESE. The straw is heavier and more branching; kernels twice the size of the old kinds, ripening a week earlier, while the flour made from it is fully equal to that of any other variety. Peck, 50c; bu. \$1.50.

Mixture of Grass Seed for Permanent Pasture.

Most of our western farmers have not yet learned that a pasture or meadow of mixed grasses is far superior to Clover and Timothy alone, but such is the case. Our mixture for permanent pasture consists of Orchard Grass, Red Top, Blue Grass, and a number of the very best imported perennial grasses. This we can recommend to all. It must, however, be borne in mind that a pasture sod cannot be obtained in one year. Sow about 50 pounds to an acre. Ten lbs., \$1.50; 100 lbs., \$9.00.

We also prepare cheaper mixtures if wanted.

Broom Corn.

CULTURE. It requires similar soil and culture as corn, but should be planted later; have the ground in prime condition. It is frequently planted in drills three and a half feet apart, leaving the plants six inches apart.

EVERGREEN. Peck, 50c; bu., (48 lbs.) \$1.50.

Cane or Sorghum.

To plant cane seed for sugar, sow four or five pounds of seed to the acre; if for fodder thirty pounds to the acre.

EARLY AMBER CANE. This well-known variety is the earliest, and makes the finest quality of amber syrup and good sugar. Lb., 10c; peck, 50c; bu. (50 lbs.), \$1.50.

EARLY ORANGE CANE. A well-known variety, well adapted for the South; it is from 8 to 10 days later than the Early Amber. Peck, 50c; bu., \$1.50.

RED OR WHITE KAFFIR CORN. A variety of sorghum, cultivated for both forage and grain, growing from 4½ to 6 feet high; is stocky and erect, and has wide foliage. Kaffir Corn has the quality, of resisting drought, and in this fact is to be found its peculiar value. Sow in rows three feet apart, 5 to 6 pounds to the acre. Lb., 10c; 100 lbs., \$1.50.

NAVY FIELD BEANS. Best crops are grown in rich soil, but beans do well in ordinary soil, hoe frequently when plants are dry, but never when wet. Plant one and one-half bushels to the acre in hills, same as corn, or in drills. Peck, 75c; bu., \$2.50.

SOY BEAN. The Soy Bean has been extensively grown as a fodder plant. It is a valuable crop for feeding stock, yielding a large amount of fodder, rich in protein, Fed green it is a splendid forage for milch cows. Peck, 75c; bu., \$2.50.

Cow, or Southern Peas.

Plant in thoroughly pulverized soil. If wanted to plow under for manure, sow with a grain drill, in drills a foot apart. Is grown for fodder or for seed; plant 3½ feet apart and cultivate thoroughly. The seed must not be sown until the soil has become thoroughly warm. Weight per bu., 60 lbs.

NEW ERA. Two weeks earlier and in size it is one-third smaller than the Whippoorwill, and matures early enough in the fall to harvest in time to sow winter wheat on the same field. They produce more seed than Whippoorwills, and where known are used almost exclusively.

CLAY COLORED. Large seed of a blue clay color.

WHIP-POOR-WILL. The seeds are large, speckled, brown in color.

BLACK. Seed all black; called also "The Poor Man's Pea," on account of its wonderful prolificacy.

BLACKEYE. Seed large, round oblong; creamy white, with large black eye. Above items, market price.

Field Peas.

These are sown for marketing dry, for split peas or for fodder for stock, at the rate of 2½ bushels to the acre, either broadcast or drills.

WHITE CANADA FIELD. Peck, 50c; bu., \$1.75.

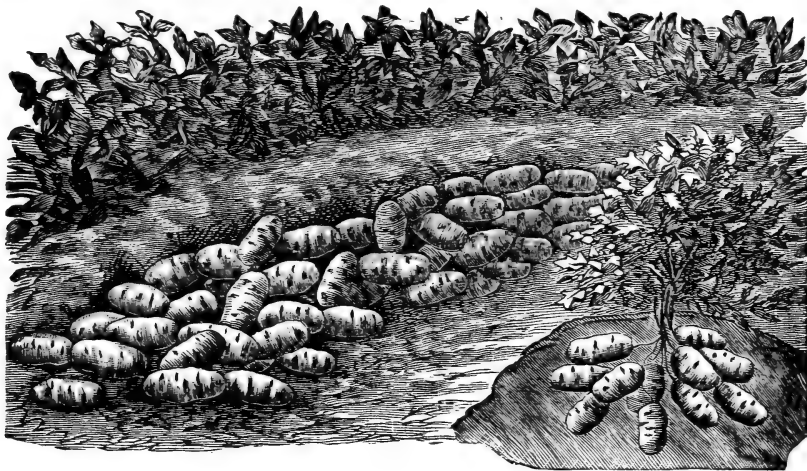
SAND, WINTER OR HAIRY VETCHES. (*Vicia villosa*.) A very hardy forage plant, growing well on soils so poor and sandy that they will produce but little clover. The plants, when mature, are about forty inches high, and if cut for forage as soon as full grown and before setting seed, they will start up again and furnish even a larger crop than the first. Should be sown at the rate of 30 to 40 lbs. to the acre. Lb., 10c; bu. of 60 lbs., \$5.00.

Dwarf Essex Rape.

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep. It is particularly adapted as a "catch crop" for it grows best late in the season. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten to twelve pounds per acre broadcast, or four to five pounds per acre in drills fifteen inches apart. Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$8.00.

MAMMOTH RUSSIAN SUNFLOWER. The best egg-producing food known for poultry. Can be raised cheaper than corn. Four quarts will plant an acre, and the average yield is 100 bu. to the acre. Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders, who have tried it, as an excellent and cheap food for fowls. Lb., 20c., post-paid; by express or freight 10 lbs., 70c; 100 lbs., \$6.00.

Seed Potatoes—Prices on Application.



The Seed Potatoes we have for sale are all Northern grown—they are well selected, sound stock, and, we are sure, will give satisfaction.

EARLY OHIO. It is two weeks ahead of the Early Rose, and is a special favorite with marketmen, and the most profitable potato that can possibly grow. And on account of its early maturity you can get the high prices and have the land for other crops. It does well on any soil suitable for potatoes.

NEW YORK EARLY ROSE. The Early Rose is the standard early potato, and is too well-known to need any description.

EARLY BEAUTY OF HEBRON. Earlier than the Early Rose, and excelling from 20 to 25 per cent. in yield. Too well known to need description.

RURAL NEW YORKER. Is of very distinct and handsome appearance; the tubers are of large size with remarkable smoothness of skin; the eyes are few, distinct and shallow. It is of extreme whiteness, both of skin and flesh, and excellent table qualities.

MAMMOTH PEARL. Handsome in appearance, free from rot and never hollow; skin and flesh very white; oblong to round in shape, tubers large.

SNOWFLAKE. The tubers are of good, medium and uniform size. In quality we do not hesitate to say that nothing can surpass this variety; its mealiness, its pure, delicate flavor, and the evenness with which it cooks through, have never been eclipsed by any potato.

BURBANK'S SEEDLING. This old standard is quoted high in the market. Well known.

TRIUMPH. This variety quite popular in the South. Tubers are of medium size; color beautiful red: one of the best for early market.

PEERLESS. A well-known productive variety.

Carman.

The Best Main Crop Potato.

Without any exception whatever it is the greatest yielding potato ever introduced. It is of large size and of the shapeliest form. Eyes are few and shallow. It is a perfect keeper, and is not surpassed as a table variety. Skin and flesh are of extreme whiteness. It has no hollow hearts or any dark parts.



Seed Sweet Potatoes.

We will have a full supply of the following varieties in planting season.

EARLY RED BERMUDA.
YELLOW NANSEMOND.
RED NANSEMOND.
Southern Queen White.

Sweet Potatoes and Sweet Potato Plants

On account of the early publication of our Catalogue we cannot make prices. Prices of Seed Sweet Potatoes will be given on application about first week in March, and of Sweet Potato Plants about middle of April.

Selected Seed Field Corn.



The Seed Corn we have for sale was grown for this purpose, the ears selected and examined.

Express or freight charges always to be paid by the purchaser.

Terms: Cash with order. Special price on large lots; write for it.

Pride of the North— Yellow.

A very early Dent variety ripening with the Flint sort, and can be successfully grown farther north than any other variety of Dent corn. Stalks small with broad leaves. Ears short, twelve to sixteen-rowed, well filled. Grain long, yellow, making an extra quality of meal. Peck, 50c; bu., \$1.50.

IOWA GOLD MINE. This corn has attained wide popularity. It is early, ripening only a few days later than Pride of the North. The ears are of good size and shape and of a bright golden yellow color. The grain is very deep, the cob small. Peck, 50c; bu., \$1.50.

LEGAL TENDER. A large yellow corn, with handsome, heavy ears, deep grains and small cob. It matures in about 110 days and is a sure and heavy yielder. A yield of 75 to 100 bushels per acre is not unusual. Peck, 50c; bu., \$1.50.

The Leaming—Yellow.

A yellow Dent variety; very small red cob, with a deep, long grain, of a rich golden color; matures a crop in ninety days, and will, if planted by the 1st of June, under ordinary culture, grow, ripen and be fit to husk and crib by September 1st. Peck, 50c; bu., \$1.50.

REID'S YELLOW DENT. More largely grown throughout the corn belt than all other varieties of yellow corn. The ears are 10 to 12 inches long, and the grains are quite thick, very compact in the row, making it a solid corn, color deep golden yellow. Matures in about 100 to 110 days. Peck, 35c; bu. \$1.25.

Champion Early White Pearl.

An extra early, pure white variety of the Dent family; very productive and exceedingly heavy, maturing in 85 to 90 days from the time of planting. The grain is extra deep and wide, two of which will more than span the cob, which is very small. Peck, 50c; bu., \$1.50.

Iowa Silver Mine—White.

The stalks grow to a height of 7 to 8 feet, and set the ears about $3\frac{1}{2}$ to 4 feet from the ground. Ears measure from 10 to 12 inches in length, and often weigh $1\frac{1}{2}$ pounds. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. It is the heaviest yielder we know. Peck., 50c; bu., \$1.50.

BOONE COUNTY WHITE. A pure bred white corn of large size and high fattening and milling qualities. It is rather a late variety, maturing in from 110 to 120 days. Large, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear. Peck, 50c; bu., \$1.50.

HICKORY KING. A mammoth white Dent that is wonderfully productive; one of the best sorts. Will mature in about 110 days from time of planting. Peck, 50c.

St. Charles—White.

An old well-known red cob variety. Peck, 35c; bu., \$1.00.

Sweet Corn for Fodder.

Peck, 75c; bu., \$2.50.

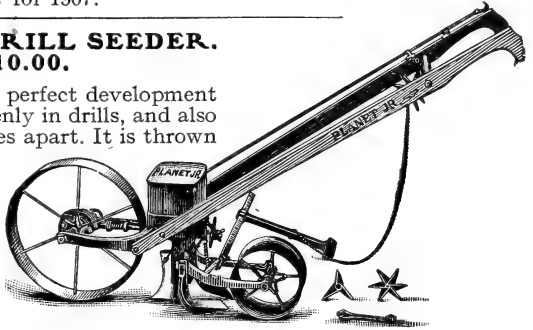
"PLANET JR." FARM AND GARDEN TOOLS.

SPACE will not permit our showing and describing all of the "Planet Jr." Tools, but we will send a fully illustrated catalogue free for the asking to any who desire it. Great improvements have been made for 1907.

No. 3 HILL AND DRILL SEEDER. Price, \$10.00.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It cover sand rolls down light or heavy, and marks the next row clearly. 15-inch drive wheel; hopper holds 2½ quarts. It runs light and sows equally well with a full hopper or a tablespoonful of seed.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect.



"Planet Jr." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator, Rake and Plow.

Price, Complete, \$10.50; as a Drill, only \$8.50.

This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, a rake and a plow. It holds three pints, and as a seeder is like the No. 3, sowing in continuous rows, or dropping in hills at any distance. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but

one bolt. It then becomes a single wheel hoe, garden plow, cultivator or rake. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



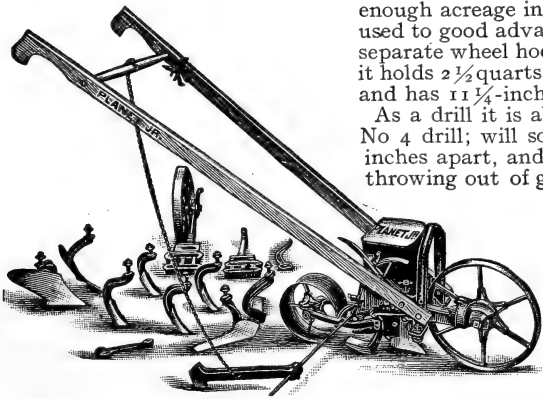
"Planet Jr." No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe. Price \$13.00.

This new combined machine is intended for a class of gardeners who have large enough acreage in crops for a double wheel hoe, to be used to good advantage, and yet prefer not to buy a separate wheel hoe. It is large enough for field use, for it holds 2½ quarts (or about five pounds of onion seeds) and has 11¼-inch wheels, which are just the right size.

As a drill it is almost identical with the "Planet Jr." No. 4 drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear, and the new combined cut-off and seed index with thumb screw adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills.

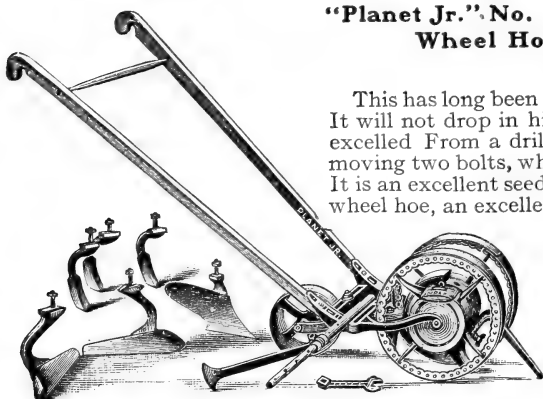
As a wheel hoe it is identical with the "Planet Jr." No. 12 double wheel hoe, the very best machine on the market. The change from drill to wheel hoe takes but a moment,

and the entire combination is one we can heartily recommend and guarantee satisfactory.



"Planet Jr." No. 1 Combined Drill Seeder and Wheel Hoe Cultivator and Plow.

Price \$9.00.

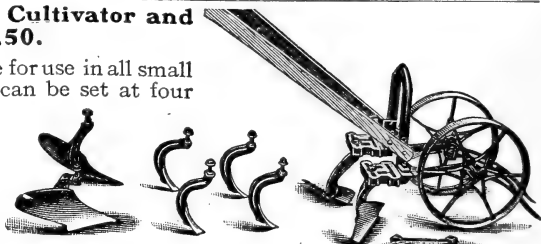


This has long been the most popular combined tool made. It will not drop in hills, but as a drill seeder it cannot be excelled. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical every day time and labor saver, and a grand remedy for backache.

A pair of 6-tooth rakes supplied when specially ordered. Price 50c.

No. 12 Double Wheel Hoe, Cultivator and Plow. Price \$6.50.

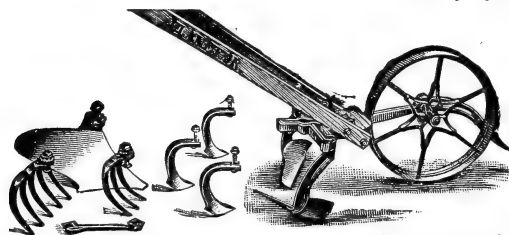
This perfect wheel hoe is invaluable for use in all small crops. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, and can be set three different heights. The handles are adjustable at any height. The arch is of stiff steel, unusually high; the quick change frame permits the tool to be changed without removing the nuts. All the blades are of tempered and polished steel.



No. 13 Double Wheel Hoe. Price \$4.25.

This tool is the No. 11, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 11 may be added at any time, and are sure to fit.

"Planet Jr." No. 16 Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$5.35.

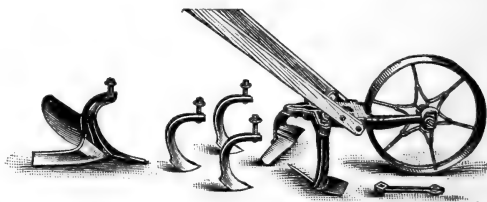


This latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame. The tools are a well-shaped plow for marking out, plowing, covering and late cultivation; a pair of

6-inch shield hoes and three all-steel patent cultivator teeth; also a set of two rakes, just the thing for preparing ground for the seed drill. A practical leaf guard holds up the plants, while thorough work is being done underneath; the frame changes in height, and the wheel may be beattached to the other side of the frame, when both sides of the row may be hoed at one passage.

No. 17 Single Wheel Hoe, Cultivator and Plow. Price \$4.50.

This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.



No. 18 Single Wheel Hoe. Price \$3.25.

This tool has the same frame and handles as No. 15, but has one pair of 6-inch hoes only, the tools that are most constantly useful throughout the season. All the other tools can be added as needed.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

The Frame is longer than usual and about one and a half inches higher, making a tool that will not clog easily.

The Stiff Steel Standards are hollow with round throats; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it.

The Depth is under perfect control by means of a new lever wheel and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work steadying the machine and relieving the operator.

The Expander is an entirely new pattern superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

The Handle and Braces are also new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

The Reversible Side Hose, patented, are an important part of the implement. As shown in the cut, they act as ploughs or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots that an immense amount of hand labor is saved.

Every part is perfect to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. **Price \$8.50.** Without depth Regulator (order as No. 7), **\$8.00.**



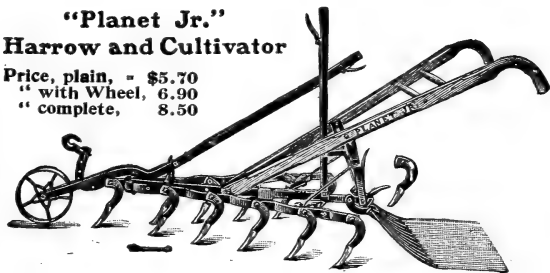
"Planet Jr." No. 8

Horse Hoe.

Price = = \$8.50.

"Planet Jr." Harrow and Cultivator

Price, plain, - \$5.70
" with Wheel, 6.90
" complete, 8.50



side teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth round throated teeth turn strawberry runners, without injuring them. Strawberry Runner Cutter Attachment, consisting of a 10-inch flat steel disk, mounted on an out-rigger, extra.

Premier Broadcast Seed Sower.

Is giving universal satisfaction wherever used, and is claimed to be the strongest, neatest and most effective hand seed-sower made. The Premier will sow any seed that is sown broadcast, such as oats, wheat, rye, millet, clover, timothy, grass seed, etc. Under ordinary conditions it will sow at a round about as follows: Wheat or rye, 50 feet; clover, flax or millet, 40 feet; grass seed, 24 to 36 feet.

This is a low-priced seeder, but does effective work, and will give entirely satisfactory results. **Price \$1.25.**



One-sixth of full size.

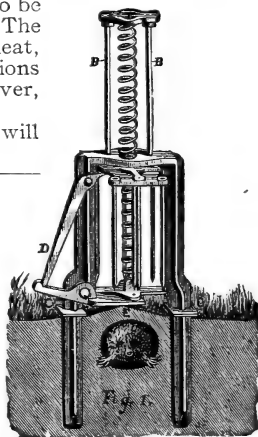
Hazeltine's Hand Weeder and Scraper

A practical weeder for all purposes. Price, 20c; by mail, 25c.

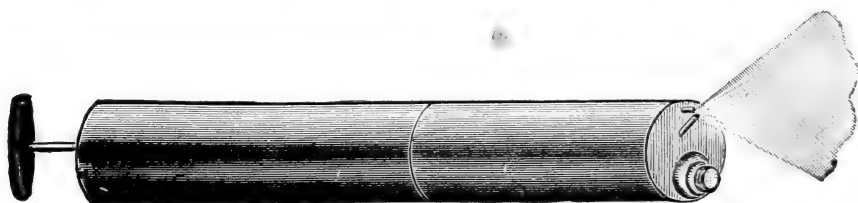
Olmsteads Reliable Mole Trap.

It is simple in construction and safe to handle that a child may set it with the same facility as a grown person. It combines all the good points of traps of similar make, and on account of low price has become very popular. **Price.....\$1.25**

Express to be paid by purchaser.



Lightning Insect Exterminator, No. 0.

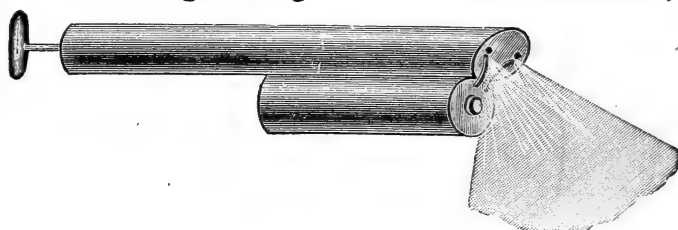


(Patented.)

Our No. 0 Sprayer is made of heavy tin, handsomely polished. It is light and handy, and is adapted for household use, such as spraying plants, killing cockroaches sink bugs, lice, bed bugs and all vermin. It is a good sprayer for all disinfecting purposes. It throws a very fine mist-like spray, which adheres to the plant.

Price 35 Cents.

Double Tube Lightning Insect Exterminator, No. 1.



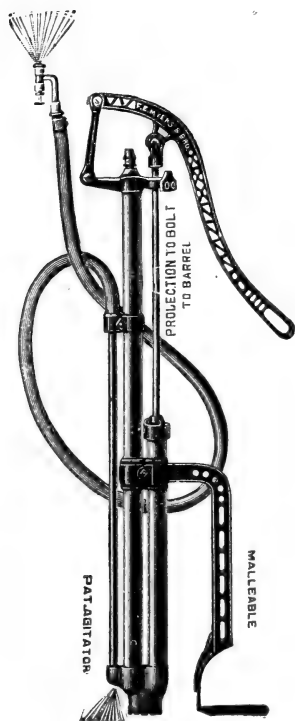
This sprayer is made of heavy tin, and has the same size air chamber as our other sprayers; it is also provided with our patent spring expander, which keeps the leather open and prevents it from drying up. It is also made with our patent beveled air chamber, which is very necessary in many cases.

Price 50 Cents.

Myers Improved Brass Barrel Spray Pump.

Cylinder, Valves, Valve Seats and Discharge
All Brass.

All Working Parts Submerged in Liquid, Hence No
Priming Necessary.



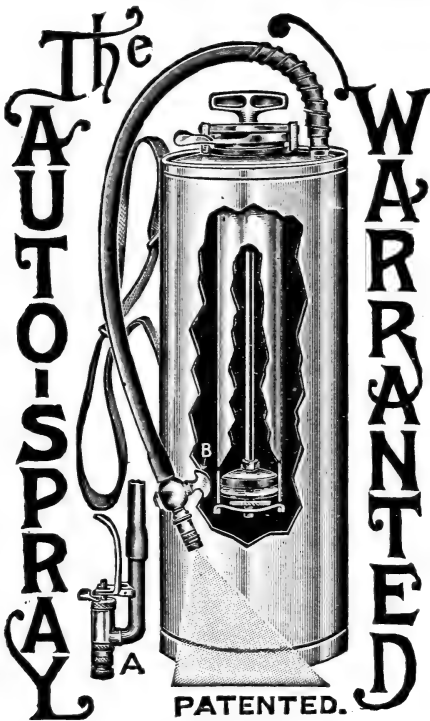
It has all the advantages of the ordinary barrel pump and bucket pump combined, and is sold at a moderate price. Has one half more air chamber than any other make of bucket pump. Is made of brass with ball valves; handle and foot rest are malleable iron.

The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any other old style bucket spray pump.

It is no experiment.

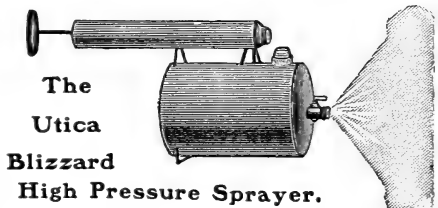
When used as a barrel pump detach the foot rest and attach pump to top of barrel.

FIG. 632. Myers Lever Bucket Spray Pump, with agitator, complete with hose and graduating Vermorel fine, coarse spray and solid stream nozzle. Price, \$5.50.



Auto Spray. Positively and Absolutely Guaranteed Against all Defects.

Eight to ten strokes of the air plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Has been improved by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing the instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. Price, galvanized reservoir, with Auto Pop, \$5.00. Brass reservoir, \$6.00.



The handiest and easiest working sprayer made for spraying tobacco, potatoes, poultry houses. Holds one gallon, and after pumping a few strokes of air works continuously. Will throw a broad, spread mist-like spray. Also direct from the stop cock a coarse Bordeaux spray, and a straight stream much higher. Is equipped with our Utica stop cock and nozzle. Price \$1.50 each.

The Standard Spray Pump.

Showing the Standard Pump attached to barrel with 30 feet of hose, enabling the operator to walk around without moving the barrel, covering the entire tree FROM THE GROUND without the use of elevated platforms, etc. An ideal orchard sprayer at small cost.

Standard Pump, complete with two nozzles and three feet of hose, \$3.50.

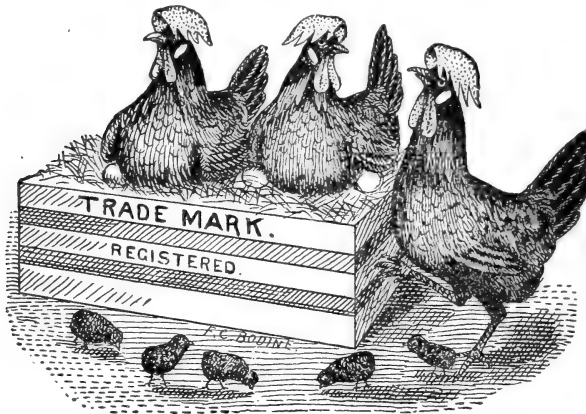


The Faultless Insect Exterminator



Caution.—Always see that the leather plunger is kept well oiled. Occasionally this should be taken out and cleaned, as this forms the air suction, and does all the work. Always clean and dry the reservoir before putting away.

The Galvanized Sprayer, 50c. each. The Brass Sprayer, 75c. each.

POULTRY SUPPLIES.**DR. HESS' POULTRY PAN-A-CE-A.****It Cures Diseases and Makes Hens Lay.**

**Positively Guaranteed to Cure Gapes, Cholera, Roup,
and Make Hens Lay.**

What is a Pan-a-ce-a? Webster defines it as a "universal remedy for diseases." We guarantee our poultry Pan-a-ce-a to cure Gapes, Cholera and Roup, after they are established in the flock. It is an egg producer, by its invigorating effect upon the organs thereby enabling them to appropriate food and aiding in the production of eggs.

Per 1 1/2-lb. package 25c

Per 5-lb. package 60c.

Dr. Hess' Stock Food. The best in the market. 7-lb. package, 50c; 12-lb. sack 75c; 25-lb. sack, \$1.45; 100 lb. sack, \$5.00.

Dr. Hess' Instant Louse-Killer. Pound can, 25c; 3-pound can, 60c.

Chicken Stoneware Drinking Fountains. Half gallon, 25c; 1 gallon, 35c. each.

Nest Eggs—China, each 10c; 6 for 25c; 1 doz., 50c.

Chamberlin's Perfect Chick Food.

This, without a doubt is the very best feed for young chickens. 25 lbs., \$1.00; 100 lbs., \$2.50.

Chamberlain's Hen Food. Nothing better for chickens. 25 lbs., 75c; 100 lbs., \$2.25

Steinmesch Chick Feed. 25 lbs., \$1.00; 100 lbs., \$2.50.

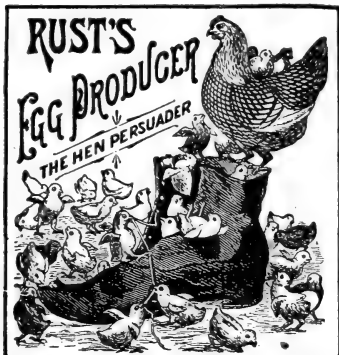
Steinmesch Hen Food. 25 lbs., 75c; 100 lbs., \$2.25

Mica Crystal Chicken Grit. This is a crushed granite, necessary for digestion. Coarse or fine, 10 lbs., 25c; 25 lbs., 50c; 100 lbs., \$1.00.

Crushed Oyster Shells. Of good value to all poultry; prepared from good, clean shells. 10 lbs., 25c; 25 lbs., 40c; 50 lbs., 65c; 100 lbs., \$1.00; 1,000 lbs., \$7.50.

Ground Beef Bone. Pure, strong and free from acids or chemicals. Especially prepared for chickens; sometimes used for cattle. Coarse or fine. 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$2.50.

POULTRY SUPPLIES.



When Rust's Egg Producer is fed to the entire flock, it increases the proportion of fertile eggs and makes the resulting chicks healthy. As idle hens are a dead expense, every farmer should keep them busy. It costs only the price of a few eggs to do this, for Rust's Egg Producer can be fed all the year round for from 20 to 30 cents a year for each hen according to the size bought. It pays well to feed it right along. Try this! Prices: 1-lb. box, 25c; if by mail, 44c; 2½-lb. box, 50c; if by mail, 94c; 6-lb. box, \$1.00; 10-lb. box, \$1.50. The last two sizes can be sent by express or rail and are the cheapest to use.

Rust's Havens' Climax Condition Powder is much more than a condition powder. It is the only known cure for Fowl-Cholera and Gapes; it is

just what every owner of poultry needs to save his fowls and keep them healthy. It is invaluable to raisers of Turkeys. By its use they have raised more chicks and saved more fowls than they ever found it possible before using it. And it has saved lots of Hogs, Horses and Cows. Prices: 13-oz. box, 25c., if by mail, 40c; 32-oz. box, 50c., if by mail, 85c; 5-lb. box (equal to six 25c boxes), \$1.00; 8-lb. box, \$1.50.

RUST'S HAVENS' ROUP PILLS.

**For Roup, Catarrh, Colds, Pigeon Diseases, Etc.
THEY DO CURE.**

Box of 50 Pills,\$0.25 } Mailed on receipt
Box of 250 Pills, 1.00 } of price

Rust's Soluble Roup Cure. Put up in 25c. packages, post paid 35c.



Cremoline

Quickly Kills All Insects

On foliage, in the field, garden, orchard, or hot house
and at once renders their eggs infertile.

Used with judgement, of varying strengths of solution, according to the development and maturity of the vegetation, as also the strength of insects to be destroyed

IT IS ABSOLUTELY NON - INJURIOUS.

Applied by spraying, or otherwise.

See printed directions for use for all purposes.

The Cheapest RELIABLE Insecticide to be had.

Safe and Effective in Ridding Fowls or Animals of all Parasites.

Prices, in Cans: Pints, 25cents; Quarts, 50 cents; Half-Gallons, 80 cents; One Gallons,
\$1.25; Five Gallons, \$5.50; Ten Gallons, \$10.00.

✉ Write for special prices on larger quantities. ✉

FERTILIZERS.

The "Anchor Brand Bone Fertilizers" have now been before the public forty years and their record as crop producers has never been surpassed by any other brands. Their reputation is now established throughout the Ohio and Mississippi Valley States. Every intelligent farmer has heard of "Anchor Brands," and almost everyone has

used them and know their remarkable crop producing values as compared with other brands. The "Anchor Brands" are made to give results. Many others seem to be made only to secure State chemist's valuations. Being composed of an organes matter. A. B. F. supply humus to the soil—the value of which is known to every tiller of the soil.

How to Determine Which Kind of Fertilizer to Use.

The practical way to determine the agricultural value of different brands of Fertilizer is by actual field test, and not by an estimate with the eye, as would be entirely impossible. If you take into consideration a Fertilizer which costs, possibly \$5.00 per ton more, and if you will use it at the rate of 200 pounds per acre it would only amount to 50 cents per acre more. And of course, the yield of one bushel of wheat to the acre would readily pay for the difference in the cost of the Fertilizer. You can not distinguish the increased yield of from 1 to 2 bushels of wheat per acre, over the common by the eye. Now, taking into consideration the

fact that 3 bushels of wheat per acre will pay for the cost of the Fertilizer used, it is absolutely necessary that carefully prepared tests must be made as you cannot tell which Fertilizer would yield the largest crop, taking cost into consideration, without you observe carefully weighed results.

The Fertilizer which will bring the largest returns for the least outlay of money, including time and labor is the Fertilizer you want to use; and upon this foundation we aim to manufacture our "Anchor Brand; bear in mind that the "Anchor Brands" are manufactured for "results on the Farm, and not upon paper."

Directions for using "Anchor Brand" Fertilizers.

WHEAT.

Use at the rate of from 100 to 250 pounds per acre.

CORN.

Apply from 100 to 300 pounds per acre. If planted in the hill, use about a table-spoonful in each hill, mixing it with the soil.

POTATOES.

Before the crop is planted distribute about 200 pounds per acre, broadcast or in hill, and mix thoroughly. Or apply about 200 to 300 pounds in the drills at the time of planting.

CLOVER AND TIMOTHY.

Before seeding apply 100 to 300 pounds per acre.

COTTON.

Use about 200 to 400 pounds per acre in furrows.

Price List of the "Anchor Brands"

"Anchor Brand" Raw Bone Meal. Per 100 lbs., \$2.00; per ton, \$30.00.

"Anchor Brand" St. Louis Bone Meal. Per 100 lb., \$2.00; per ton, \$28.00.

"Anchor Brand" Complete Fertilizer. Per 100 lb., \$1.75; per ton, \$24.00.

"Anchor Brand" Corn and Wheat Grower. Per 100 lb., \$1.75; per ton, \$26.

"Anchor Brand" Bone and Potash. Per 100 lb., \$1.50; per ton, \$22.50.

"Anchor Brand" Special Wheat Grower. Per 100 lb., \$1.75; per ton, \$24.50.

"Anchor Brand" Acid Phosphate. Per 100 lb., \$1.50; per ton, \$19.00.

"Anchor Brand" Tobacco Dust. (Fertilizer and insecticide.) Per 100 lb., \$2.00; per ton, \$30.00.

500 lbs. will be sold at the ton price. Send for booklet on Fertilizers, containing full information.

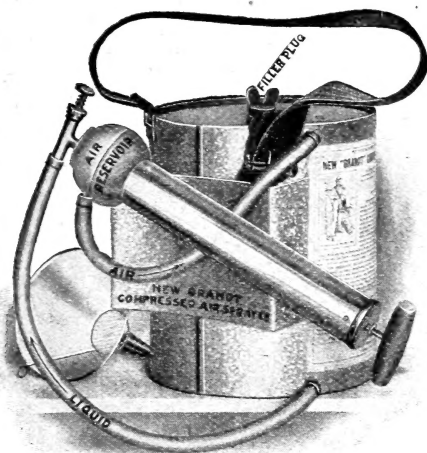
PURE PULVERIZED SHEEP MANURE.

A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the vegetable garden, or placed directly in drills, or hills, it promotes a rapid, steady growth until maturity. It makes rich, safe and quick liquid manure; one pound to 5 gallons of water can be used daily, if necessary, with safety. 5-lb bags, 25c; 10-lb. bags, 35c; 25-lb. bags, 75c; 50-lb. bags., \$1.10; 100-lb. bags., \$2.00. per ton \$25.00

WALKER'S FLOWER AND PLANT FOOD.

A most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Small packages, containing food for twenty plants for three months, 15c; 3 for 40c; if by mail, add 5 cents per package. Large packages, containing sufficient plant food for one year, 25c; 3 for 65c; if by mail, add 15 cents per package. Each package contains full directions.

NEW "BRANDT" COMPRESSED AIR SPRAYER



No. 2 "Brandt" Sprayer

The "Brandt" Sprayer is made on a **new principle**, and is the first and only knapsack compressed air Sprayer on the market that gives an **even** and **uniform** spray. The trouble with all compressed air Sprayers hitherto offered, has been the necessity of pumping them ahead. This makes the pressure **too high** at the beginning and **too low** at the end. The result is an uneven discharge. In the "**Brandt**," the pumping is done **during the progress of the work**, thus filling the tank with **pressure** as the liquid is **discharged**. About one stroke of the pump for each **15 to 25 hills** of potatoes. The pressure is always under **perfect control**, and is the **same** at all times, regardless of the amount of solution contained in the tank. This is a very important feature, and is found in **no other sprayer**.

The "**Brandt**" Sprayer works perfectly with Paris Green, Bordeaux Mixture, Paris Green and Bordeaux Compound, White Arsenic, Soda Bordeaux, Kerosene Emulsion, Tobacco Infusion, Sulphate of Iron and all other liquid applications; also for whitewashing and disinfecting poultry houses, barns, cellars, etc.

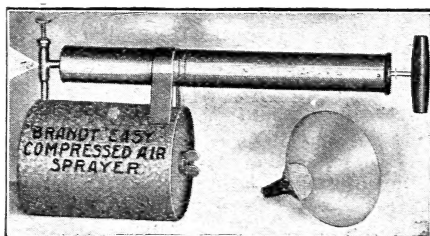
No. 2—"Brandt" Sprayer (Galvanized Tank and Shut-off Nozzle)...Price Each, **\$5.50**
No. 3—"Brandt" Sprayer (Brass Tank and Shut-off Nozzle) " **6.50**

THE "BRANDT EASY" SPRAYER

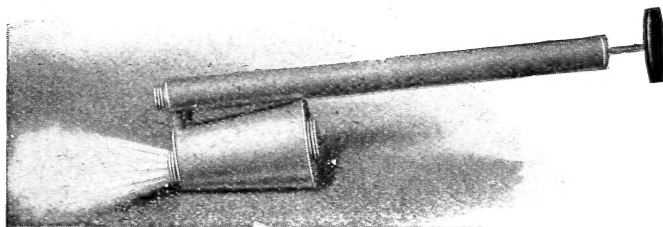
Is made of **galvanized steel** and works on the **same principle** as here shown, and holds about 1 gallon. It is equipped with a **shut-off** nozzle and is very durable.

"Brandt Easy" Sprayer (Galvanized Tank and Shut-off Nozzle).....Price, **\$2.25**

Send for Special Circular.



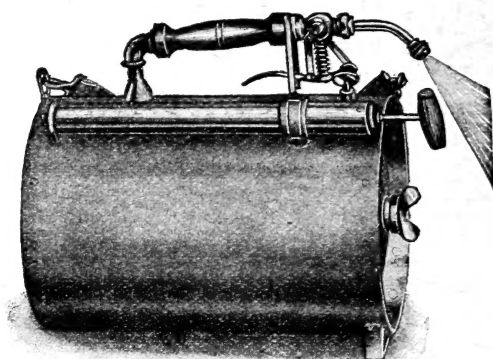
THE LOWELL BLOW POWDER SPRAYER



In some instances potato growers, stock and poultry raisers prefer to use Paris green and disinfectants in powder form mixed with dry plaster or Bordeaux mixture with lime. To meet this demand the Lowell Blow Powder Sprayer is especially constructed, and is without exception the most popular machine on the market. The powder can holds one quart and the sprayer has an aluminized finish.

No. 108—Tin Tube and Tank.....Price, **75c**

LOWELL FOUNTAIN SPRAYER



ALUMINIZED

The Lowell Fountain Compressed Air Sprayer is well adapted for the fruit-grower, farmer, stockman, poultryman, florist, and for use of general disinfectants.

The Air Compressor or Pump has a brass cylinder which is placed outside of the tank and is detachable. It screws into a cast brass seat which contains a one-half inch ball check valve, also detachable. In operation the piston, which has a 12-inch stroke, forces the air through the check valve and air tube into the tank.

The air tube is fitted with needle-point shut-off cock, which both prevents any back pressure after pumping up, or any moisture reaching the working parts of the pump. No other sprayer has this important feature.

Price, No. 110—Galvanized steel \$5.50

Price, No. 111—Brass..... 7.00

PRATT'S "SCALECIDE"

THE TREE SAVER—KILLS SAN JOSE SCALE

"Scalecide" should be used when the trees are dormant or not growing. The best time is in the fall as soon as the leaves are off the trees, for the scale is in its least resistant condition and therefore more successfully attacked. The old and gravid scale will die before breeding season the next year. The scale gets in its most destructive work in the winter, as many trees apparently healthy in the fall are dead when spraying time comes in the spring if unsprayed.

PRICES OF "SCALECIDE"

F. O. B. St. Louis, Mo. Express or freight from St. Louis to destination at purchaser's expense.

50 gallon barrels, 50 cents per gallon	\$25.00
30 gallon half-barrels.....	16.00
30 gallon jacketed tins	15.00
10 gallon jacketed cans.....	6.00
5 gallon jacketed cans.....	3.25
1 gallon jacketed cans.....	1.00
1 quart cans40

Send for Circular if Interested.

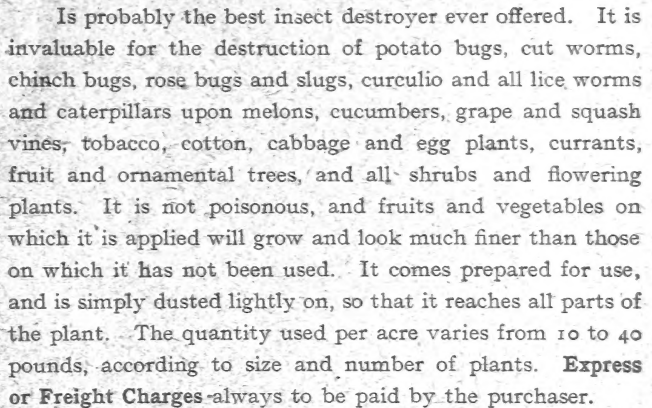
CRYS-CO GRIT AND SHELL PRODUCER

WHAT IT IS USED FOR

Containing 99% pure lime carbonate, it makes hard egg shells, bone and feathers when fed to chickens. The hardness of the egg shell not alone prevents less loss by breakage, but the eggs also keep better. The fine Crys-co is excellent for pigeons. The 1% of hard flinty matter grinds the food so necessary for the chickens' digestion. What the hen picks up in Crys-co must come out again in eggs.

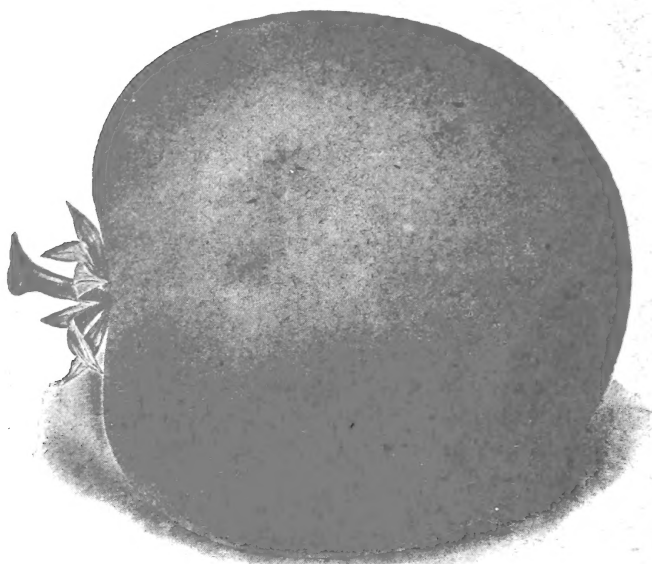
Price, 5 lbs. 15c; 10 lbs. 25c; 100 lbs. \$1.00

1000



Cartons containing 1 lb. Slug Shot, 30 c., postpaid.

LIVINGSTON'S GLOBE TOMATO.



An extra good all-around sort, of a distinct globe-shape, with quite a large percentage of elongated fruits. It is a beautiful variety, and, on account of its shape, one that permits of a greater average number of slices to be taken from each fruit.

In time of ripening we class it among the first earlies, being among the first to ripen fruit. The fruits are of large, and a good marketable size is retained throughout the season; always smooth, of firm flesh, and has few seeds;

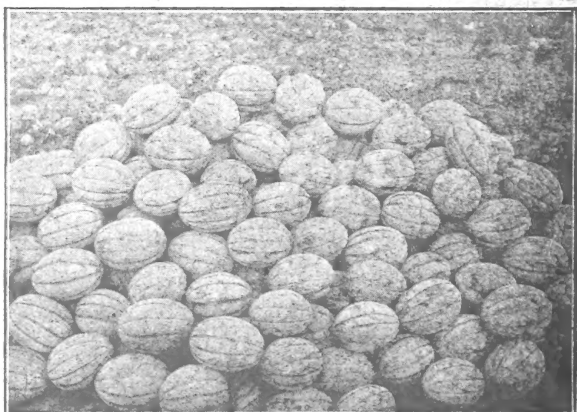
ripens evenly; color a fine glossy rose, tinged with purple, at any stage of ripening.

An exceedingly productive variety, having plants with many short joints at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit. It is a remarkably good keeper, none of the many varieties surpassing it in this respect. In quality these is nothing more to be desired, being mild, pleasant, and of delicious flavor; unsurpassed for slicing or to eat from the hand.

Price, by Mail, postpaid—Packet, 10c; $\frac{1}{2}$ -oz., 15c; oz., 30c; $\frac{1}{4}$ -lb., 85c; lb., \$3.00.

BURRELL GEMS.

THE BURRELL GEM is a combination of the characteristics of the Osage and Rocky Ford. It has a tough thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossom end is protected with a well developed button. Shape, quite elongated—the diameter from stem to blossom being one-third more than from top to bottom. Meat of a reddish orange, very thick, fine grained and spicy; has the delicious flavor, and no equal in the melon line; not containing too much water or acid. Seed cavity, small and triangular, the seed closely held in place in three lobes.



The average weight is about $2\frac{1}{4}$ pounds, the length, 6 inches and the thickness $4\frac{1}{2}$ in.

The demand for them is established and the planter who grows them and the dealer who is fortunate enough to get them to handle this coming season will have an inside chance with the trade. Pkt., 10c; oz., 15c; $\frac{1}{4}$ -lb., 50c; lb., \$1.50.